ICDD Grant-in-Aid Recipients - 2014 and earlier

Grant-in-Aid (Cycle II)

1 October 2013 to 30 September 2014

X-ray Diffraction Patterns of New Ruddlesden-popper Phases

Dr. Rached Ben Hassen

ISSBAT (University Tunis El Manar)

Tunisia

X-ray Diffraction Patterns of Molybdates and Tungstates

Dr. Elena Khaikina Baikal Institute of Nature Management Siberian Branch of the Russian Academy of Sciences Russian Federation

Multicomponent Oxides Made by Sol-Gel Technique

Prof. Giora Kimmel Ben-Gurion University of the Negev Israel

X-ray Diffraction Patterns of Tri-nuclear Heterometallic Complexes

Dr. Yevgeniy Knyazev Voronezh State University Russian Federation

Powder Patterns of Organic Phases with 3d Atomic Coordinates

Prof. Shao-Fan Lin Tianjin Institute of X-ray Analyses People's Republic of China

X-ray Diffraction Patterns of Chalcopyrite Compounds

Dr. Jose Merino Universidad Autonoma de Madrid Spain

Rare Earth Intermetallic Compounds

Dr. Alexander Morozkin Moscow State University

Russian Federation

X-ray Powder Diffraction Patterns of Organic and Inorganic Materials

Dr. Silvina Pagola

College of William & Mary Dept. of Applied Science **Powder Patterns of Pyridinium Compounds** Dr. Richard Pazout Institute of Chemical Technology **Czech Republic Powder Patterns of Bioactive Organic Phases** Prof. Yongbing Peng Tianjin Institute of X-ray Analyses People's Republic of China **High Quality XRD Patterns of Aluminum Alloy Phases** Prof. Ming Qin **Baise University** People's Republic of China Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases Prof. Xinkan Yao Tianjin Institute of X-ray Analyses People's Republic of China X-ray Reference Patterns of Intermetallic Compounds and Their Hydrides Dr. Ihor Zavaliy Physico-Mechanical Institute, NAS Ukraine X-ray Powder Diffraction Patterns of New Transition-Metal Oxides Prof. Hui Zhang Guilin University of Technology People's Republic of China

Grant-in-Aid (Cycle I)

1 April 2013 to 31 March 2014

X-ray Diffraction Patterns of Metallocarboranes

Dr. Elena V. Alekseeva

Voronezh State University

Russian Federation

X-ray Diffraction Patterns of Inorganic Compounds

Prof. Evgeny Antipov

Moscow State University **Russian Federation Powder Diffraction Patterns of Inorganic and Hybrid Materials** Dr. Nathalie Audebrand Universite de Rennes 1 France Powder Patterns for Ceramics, Functional Materials and Intermediates Dr. Vyacheslav Baumer State Scientific Institute, Institute for Single Crystals Ukraine X-ray Diffraction Patterns for Biologically Active Organic Compounds Dr. Ivan Bushmarinov X-ray Structural Centre, Inst. of Organoelement Compounds, RAS **Russian Federation** Powder Diffraction of Organic Compounds, Complexes and Inorganic Compounds Prof. Yunxia Che Nankai University People's Republic of China **Quality Powder Patterns of Inorganic Functional Materials** Prof. Xiaolong Chen Institute of Physics People's Republic of China Standard X-ray Powder Diffraction Data of New Dielectric Ceramics Prof. Liang Fang Guilin University of Technology People's Republic of China **XRPD** Patterns of New Intermetallic Compounds Dr. Roman Gladyshevskii Ivan Franko National University of L'viv Ukraine **XRD Data of Al-based Compounds** Prof. Wei He Guangxi University People's Republic of China X-ray Diffraction Patterns of Complex Metal Oxides with Unusual Dielectric and Magnetic **Properties**

Dr. Sergey Ivanov Karpov' Institute of Physical Chemistry **Russian Federation**

Reference X-ray Patterns of Technologically Important Electronic Materials

Dr. James Kaduk Poly Crystallography, Inc. USA

Production of Reference Powder Patterns of Known and New Compounds

Dr. Sergei Kirik

Institute of Chemistry, RAS

Russian Federation

XRPD Investigations of MeX2-2(R-NH2) and MeX2(NH2-R-NH2) Complexes, Part III

Prof. Wieslaw Lasocha

Jagiellonian University

Poland

Powder Patterns of Organic Phases with 3d Atomic Coordinates

Prof. Shao-Fan Lin

Tianjin Institute of X-ray Analyses

People's Republic of China

Ternary Intermetallics of Cerium and Ytterbium

Dr. Yurii Seropegin

Moscow State University

Russian Federation

XRD Patterns of Fluoride Borates

Dr. Yurii Seryotkin

Sobolev Institute of Geology and Mineralogy, SB of RAS

Russian Federation

X-ray Diffraction Patterns of Organoelement and Organometallic Compounds

Dr. Tatiana Shkarina Voronezh State University **Russian Federation New Complex Chalcogenides** Dr. Bohdan Tataryn Volyn State University Ukraine

X-ray Synchrotron Powder Diffraction Data for Complex Perovskites

Dr. Leonid Vasylechko L'viv Polytechnic National University Ukraine Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases Prof. Xinkan Yao Tianjin Institute of X-ray Analyses People's Republic of China Organic Compounds, Complexes, and Inorganic Compounds Prof. Jimin Zheng Nankai University People's Republic of China X-ray Diffraction Patterns of Bi-nuclear Metalloorganic Complexes Dr. Igor Zanin Voronezh State University **Russian Federation Complex Chalcogenides I** Dr. Olga Zmii Volyn State University Ukraine

Grant-in-Aid (Cycle II)

1 October 2012 to 30 September 2013

Powder Patterns for Ceramics, Functional Materials and Intermediates

Dr. Vyacheslav Baumer

State Scientific Institute

Institute for Single Crystals

Ukraine

X-ray Diffraction Patterns of Some New Coumarin Derivatives; Important Classes of Organic

Heterocyclic Molecules

Dr. Rached Ben Hassen ISSBAT (University Tunis El Manar) Tunisia

Guinier Patterns of Eight Organic Compounds

Dr. Vladimir Chernyshev

Moscow State University **Russian Federation Crystal Structure of Complex Perovskites** Prof. Rajan Jose Universiti Malaysia Pahang Malaysia Multicomponent Oxides Made by Sol-Gel Techniques Prof. Giora Kimmel Ben-Gurion University of the Negev Israel X-ray Diffraction Patterns of Bi-nuclears Heterometallic Complexes Dr. Yevgeniy Knyazev Voronezh State University **Russian Federation Powder Patterns of Organic Phases with 3d Atomic Coordinates** Prof. Shao-Fan Lin Tianjin Institute of X-ray Analyses People's Republic of China Powder Patterns of Organotin(IV) Compounds Dr. Jaroslav Maixner Institute of Chemical Technology Czech Republic **Rare Earth Intermetallic Compounds** Dr. Alexander Morozkin Moscow State University **Russian Federation Powder Patterns of 10-Aryflavins** Dr. Richard Pazout Institute of Chemical Technology Czech Republic **Powder Patterns of Bioactive Organic Phases** Prof. Yongbing Peng Tianjin Institute of X-ray Analyses People's Republic of China **Powder Diffraction Patterns of Functional Organic Solids** Dr. Robert Pike

College of William & Mary

USA

Chloroacetates, Naphtoates, and Perovskites

Prof. Herbert Poellmann

University of Halle

Germany

Generation of Powder X-ray Diffraction Patterns of New Ceramic Complex Oxides

Prof. Padala Prabhakar Rao

National Institute for Interdisciplinary Science & Technology

India

X-ray Diffraction Patterns of Inorganic Compounds

Dr. Nik Reeves-McLaren

University of Sheffield

United Kingdom

Powder Patterns of Five Organic Compounds

Dr. Andrei Shiryaev

Institute of Physical Chemistry and Electrochemistry, RAS

Russian Federation

Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases

Prof. Xinkan Yao Tianjin Institute of X-ray Analyses People's Republic of China

X-ray Reference Patterns of Intermetallic Compounds and Their Hydrides

Dr. Ihor Zavaliy Physico-Mechanical Institute, NAS Ukraine

X-ray Powder Diffraction Patterns of New Transition-Metal Oxides

Prof. Hui Zhang Guilin University of Technology People's Republic of China

Please note that additional participants will be added once the signed agreements are

received at the ICDD.

Grant-in-Aid (Cycle I)

1 April 2012 to 31 March 2013

X-ray Diffraction Patterns of Metallocarboranes

Dr. Elena Alekseeva

Voronezh State University **Russian Federation** X-ray Diffraction Patterns of Inorganic and Organic Compounds Prof. Evgeny Antipov Moscow State University **Russian Federation** Powder Diffraction Patterns of Metal-Organic Framework Materials and Coordination **Polymers** Dr. Nathalie Audebrand Universite de Rennes 1 France **Complex Inorganic Salts Based on Tetrahedrally-coordinated Oxoanions** Dr. Artem Babaryk Taras Shevchenko National University of Kyiv Ukraine Powder Patterns for Ceramics, Functional Materials and Intermediates Dr. Vyacheslav Baumer State Scientific Institute, Institute for Single Crystals Ukraine X-ray Diffraction Patterns for Pharmaceuticals and Polymers II Dr. Ivan Bushmarinov X-ray Structural Centre, Inst. of Organoelement Compounds, RAS **Russian Federation** Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds Prof. Yunxia Che Nankai University People's Republic of China **Quality Powder Patterns of Inorganic Functional Materials** Prof. Xiaolong Chen Institute of Physics People's Republic of China Standard X-ray Powder Diffraction Data of New Dielectric Ceramics Prof. Liang Fang Guilin University of Technology People's Republic of China

XRPD Patterns of New Intermetallic Compounds

Dr. Roman Gladyshevskii Ivan Franko National University of L'viv Ukraine **Complex Rare Earth Compounds and Chalcogenides** Dr. Lubomir Gulay Volyn State University Ukraine X-ray Powder Patterns of Salts of Acids with Nitrogen Containing Organic Cations with **Interesting Physical Properties** Dr. David Havlicek Charles University **Czech Republic** Investigation on the XRD Data of Rare Earth Compounds Prof. Wei He Guangxi University People's Republic of China

Ferroelectric Complex Oxides with Magnetic Ordering

Dr. Sergey Ivanov

Karpov' Institute of Physical Chemistry

Russian Federation

Reference X-ray Patterns of Technologically Important Electronic Materials

Dr. James Kaduk

Poly Crystallography, Inc.

USA

X-ray Diffraction Patterns of Triple Molybdates

Dr. Elena Khaikina

Baikal Institute of Nature Management,

Siberian Branch of the Russian Academy of Sciences

Russian Federation

Production of Reference Powder Patterns of Known and New Compounds

Dr. Sergei Kirik

Institute of Chemistry, RAS

Russian Federation

X-ray Diffraction Patterns of Bi-Nuclear Heterometallic Complexes

Dr. Yevgeniy Knyazev

Voronezh State University **Russian Federation** XRPD Investigations of MeX2-2(R-NH2) and MeX2(NH2-R-NH2) Complexes, Part II Prof. Wieslaw Lasocha Jagiellonian University Poland Powder Patterns of Organic Phases with 3d Atomic Coordinates Prof. Shao-Fan Lin Tianjin Institute of X-ray Analyses People's Republic of China **Powder Patterns of Bioactive Organic Phases** Prof. Yongbing Peng Tianjin Institute of X-ray Analyses People's Republic of China New Ternary Gallids and Stannides of Cerium Dr. Yurii Seropegin Moscow State University **Russian Federation** X-ray Diffraction Patterns of Organoelement Compounds Dr. Tatiana Shkarina Voronezh State University **Russian Federation** Powder XRD Reference Pattern Production of Some NZP and Perovskite-based Synthetic **Ceramic Phases** Prof. O. P. Shrivastava Dr H.S. Gour University India **New Complex Chalcogenides** Dr. Bohdan Tataryn Volyn State University Ukraine X-ray Synchrotron Powder Diffraction Data for Complex Oxides Dr. Leonid Vasylechko L'viv Polytechnic National University Ukraine

Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases Prof. Xinkan Yao Tianjin Institute of X-ray Analyses People's Republic of China X-ray Diffraction Patterns of Bi-nuclear Metalloorganic Complexes Dr. Igor Zanin Voronezh State University Russian Federation Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds Prof. Jimin Zheng Nankai University People's Republic of China Complex Chalcogenides I Dr. Olga Zmii Volyn State University

Ukraine

Grant-in-Aid (Cycle II)

1 October 2011 to 30 September 2012

Powder Patterns for Ceramics, Functional Materials and Intermediates

Dr. Vyacheslav Baumer

State Scientific Institute, Institute for Single Crystals

Ukraine

Tin Double Perovskite Mixed Oxides and Organometallic Complexes with Salen Type Ligands

Dr. Rached Ben Hassen

ISSBAT

Tunisia

X-ray Diffraction Patterns for Pharmaceuticals and Polymers

Dr. Ivan Bushmarinov Institute of Organoelement Compounds, RAS Russian Federation XRD Patterns of Some Layered Battery Materials Dr. Norlida Kamarulzaman

Universiti Teknologi MARA

Malaysia

Multicomponent Oxides Made by Sol-Gel Techniques

Prof. Giora Kimmel Ben-Gurion University of the Negev Israel

Production of Reference Powder Patterns of Known and New Compounds

Dr. Sergei Kirik Institute of Chemistry, RAS Russian Federation

XRD Patterns of Tetragonal Tungsten Bronze Structured Multiferroics

Dr. Venkata Surya Ramam Koduri Universidad de Concepcion Chile

Powder Patterns of Organic Phases with 3d Atomic Coordinates

Prof. Shao-Fan Lin Tianjin Institute of X-ray Analyses People's Republic of China

Rare Earth Intermetallic Compounds

Dr. Alexander Morozkin Moscow State University Russian Federation

X-ray Powder Diffraction - New Organic Compounds VI

Dr. Elzbieta Olszewska Maria Curie Sklodowska University Poland **Powder Patterns of Flavin Derivatives** Dr. Richard Pazout Institute of Chemical Technology Czech Republic **Powder Patterns of Bioactive Organic Phases** Prof. Yongbing Peng Tianjin Institute of X-ray Analyses

<u>,</u>

People's Republic of China

Generation of Powder X-ray Diffraction Patterns of New Ceramic Complex Oxides

Prof. Padala Prabhakar Rao

National Institute for Interdisciplinary Science & Technology

India

XRD Patterns of Complex Borates

Dr. Yurii Seryotkin Sobolev Institute of Geology and Mineralogy, SB RAS Russian Federation X-ray Diffraction Patterns of Organoelement Compounds

Dr. Tatiana Shkarina Voronezh State University Russian Federation

Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases

Prof. Xinkan Yao Tianjin Institute of X-ray Analyses

People's Republic of China

X-ray Powder Diffraction Patterns of New Transition-Metal Oxides

Prof. Hui Zhang Guilin University of Technology

People's Republic of China

Grant-in-Aid (Cycle I)

1 April 2011 to 31 March 2012

X-ray Diffraction Patterns of Organometalic Complexes

Dr. Elena Alekseeva

Voronezh State University of Architecture & Civil Engineering

Russian Federation

X-ray Diffraction Patterns of Inorganic and Organic Compounds

Prof. Evgeny Antipov

Moscow State University

Russian Federation

Powder Diffraction Patterns of Inorganic and Hybrid Materials

Dr. Nathalie Audebrand Universite de Rennes 1

France

Powder Patterns for Ceramics, Functional Materials and Intermediates

Dr. Vyacheslav Baumer

State Scientific Institute, Institute for Single Crystals

Ukraine

Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds

Prof. Yunxia Che

Nankai University People's Republic of China **Quality Powder Patterns of Inorganic Functional Materials** Prof. Xiaolong Chen Institute of Physics People's Republic of China Standard X-ray Powder Diffraction Data of New Dielectric Ceramics Prof. Liang Fang Guilin University of Technology People's Republic of China **XRPD** Patterns of New Intermetallic Compounds Dr. Roman Gladyshevskii Ivan Franko National University of L'viv Ukraine **Complex Rare Earth Compounds** Dr. Lubomir Gulay Volyn State University Ukraine **XRD Data of Rare Earth Compounds** Prof. Wei He Guangxi University People's Republic of China

X-ray Diffraction Patterns of Complex Metal Oxides with Unusual Dielectric and Magnetic

Properties

Dr. Sergey Ivanov Karpov' Institute of Physical Chemistry Russian Federation

Reference X-ray Patterns of Technologically Important Electronic Materials

Dr. James Kaduk Poly Crystallography, Inc. USA

X-ray Diffraction Patterns of Triple Molybdates

Dr. Elena Khaikina Baikal Institute of Nature Management, Siberian Branch of the Russian Academy of Sciences Russian Federation

X-ray Diffraction Patterns of Bi-Nuclear Heterometallic Complexes

Dr. Yevgeniy Knyazev Voronezh State University **Russian Federation** XRPD Characterization of New Inorganic-Organic Compounds, Part II Prof. Wieslaw Lasocha Jagiellonian University Poland Powder Patterns of Organic Phases with 3d Atomic Coordinates Prof. Shao-Fan Lin Tianjin Institute of X-ray Analyses People's Republic of China **Powder Diffraction Patterns of Functional Molecular Solids** Dr. Silvina Pagola College of William & Mary USA **Powder Patterns of Bioactive Organic Phases** Prof. Yongbing Peng Tianjin Institute of X-ray Analyses People's Republic of China

X-ray Diffraction Patterns and Pair Distribution Function of Non-materials

Dr. Valeri Petkov Central Michigan University USA

New Ternary Intermetallic Compounds of Rare Earths

Dr. Yurii Seropegin

Moscow State University

Russian Federation

X-ray Diffraction Patterns of Organoelement Compounds

Dr. Tatiana Shkarina Voronezh State University

Russian Federation

Reference Diffraction Pattern Production of New Substituted Zirconate and Phosphate-

based Ceramic Phases

Prof. O. P. Shrivastava

Dr H.S. Gour University India **New Complex Chalcogenides** Dr. Bohdan Tataryn Volyn State University Ukraine Synchrotron and X-ray Powder Diffraction Data for Mixed Perovskites and Garnets Dr. Leonid Vasylechko L'viv Polytechnic National University Ukraine Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases Prof. Xinkan Yao Tianjin Institute of X-ray Analyses People's Republic of China X-ray Diffraction Patterns of Metallocarborane Compounds Dr. Igor Zanin Voronezh State University **Russian Federation** Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds Prof. Jimin Zheng Nankai University People's Republic of China **Complex Chalcogenides** Dr. Olga Zmii Volyn State University Ukraine Please note that additional participants will be added once the signed agreements are received at the ICDD. Grant-in-Aid (Cycle II) 1 October 2010 to 30 September 2011 Powder Patterns for Ceramics, Functional Materials and Intermediates Dr. Vyacheslav Baumer State Scientific Institute, Institute for Single Crystals Ukraine **Guinier Patterns of Ten Organic Compounds** Dr. Vladimir Chernyshev

Moscow State University **Russian Federation** New Transition-Metal Oxides and Magnetocaloric Intermetallic Compounds Dr. Rached Ben Hassen University Tunis El Manar Tunisia Multicomponent Oxides Made by Sol-Gel Technique Prof. Giora Kimmel Ben-Gurion University of the Negev Israel Production of Reference Powder Patterns of Known and New Compounds Dr. Sergei Kirik Institute of Chemistry, RAS **Russian Federation** Powder Patterns of Organic Phases with 3d Atomic Coordinates Prof. Shao-Fan Lin Tianjin Institute of X-ray Analyses People's Republic of China **Powder Patterns of Flavin Derivatives** Dr. Richard Pazout Institute of Chemical Technology Czech Republic **Powder Patterns of Bioactive Organic Phases** Prof. Yongbing Peng Tianjin Association for Instrumental Analyses People's Republic of China X-ray Diffraction Patterns and Pair Distribution Function of Non-Crystalline Materials Prof. Valeri Petkov Central Michigan University USA Generation of Experimental Powder Diffraction Data of New Ceramic Complex Oxides Prof. Padala Prabhakar Rao National Institute for Interdisciplinary Science & Technology India **Diffractometer X-ray Powder Patterns of Heterocyclic Compounds** Dr. Victor Rybakov

Moscow State University **Russian Federation** X-ray Diffraction Patterns of Organoelement Compounds Dr. Tatiana Shkarina Voronezh State University **Russian Federation** Metal-organic Frameworks Containing Diacetates: Polymorphism and Related Compounds II Dr. Leopoldo Suescun University of Uruguay Uruguay Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases Prof. Xinkan Yao Tianjin Institute of X-ray Analyses People's Republic of China X-ray Reference Patterns of Intermetallic Compounds and their Hydrides Dr. Ihor Zavaliy Physico-Mechanical Institute, National Academy of Sciences Ukraine X-ray Powder Diffraction Patterns of New Transition-Metal Oxides

Prof. Hui Zhang Guilin University of Technology People's Republic of China

Grant-in-Aid (Cycle I)

1 April 2010 to 31 March 2011

X-ray Diffraction Patterns of Inorganic and Organic Compounds

Prof. Evgeny Antipov

Moscow State University

Russian Federation

Powder Diffraction Patterns of Inorganic and Hybrid Materials

Dr. Nathalie Audebrand

Universite de Rennes 1

France

Powder Patterns for Ceramics, Functional Materials and Intermediates

Dr. Vyacheslav Baumer

State Scientific Institute, Institute for Single Crystals

Ukraine

Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds

Prof. Yunxia Che Nankai University

People's Republic of China

Standard X-ray Powder Diffraction Data of New Dielectric Ceramics

Prof. Liang Fang Guilin University of Technology People's Republic of China XRPD Patterns of New Intermetallic and Inorganic Compounds Dr. Roman Gladyshevskii Ivan Franko National University of L'viv Ukraine

Complex Rare Earth Compounds

Dr. Lubomir Gulay Volyn State University Ukraine

X-ray Diffraction Data of New Compounds

Prof. Wei He

Guangxi University

People's Republic of China

Preparation and Characterization of Multiferroic Ceramics

Dr. Sergey Ivanov Karpov' Institute of Physical Chemistry

Russian Federation

Reference X-ray Patterns of Technologically Important Electronic Materials

Dr. James Kaduk Poly Crystallography, Inc. USA

X-ray Diffraction Patterns of Molybdates

Dr. Elena Khaikina

Baikal Institute of Nature Management, Siberian Branch of the Russian Academy of Sciences

Russian Federation

Production of Reference Powder Patterns of Known and New Compounds

Dr. Sergei Kirik

Institute of Chemistry **Russian Federation** XRPD Investigations of MeX2-2(R-NH2) Complexes, Part I Prof. Wieslaw Lasocha Jagiellonian University Poland X-ray Diffraction Patterns of Phosphates, Vanadates, and Molybdates Dr. Bogdan Lazoryak Moscow State University **Russian Federation** Powder Patterns of Organic Phases with 3d Atomic Coordinates Prof. Shao-Fan Lin Tianjin Institute of X-ray Analyses People's Republic of China **Rare-Earth Intermetallic Compounds of the Heavier P-block Elements** Dr. Arthur Mar University of Alberta Canada Pattern Production of Inorganic and Organic Substances Dr. Vladimir Nalbandyan South Federal University **Russian Federation Powder Patterns of Bioactive Organic Phases** Prof. Yongbing Peng Tianjin Association for Instrumental Analyses People's Republic of China New Ternary Intermetallics Based on Rare Earths and Transition Metals Dr. Yurii Seropegin Moscow State University **Russian Federation** Reference Diffraction Pattern Production of New Substituted Sodium Zirconium Phosphate (NZP) Related Ceramic Phases Prof. O. P. Shrivastava Dr Harisingh Gour Vishwavidyalya, Sagar (M.P.) India

New Complex Chalcogenides

Dr. Bohdan Tataryn Volyn State University Ukraine Synchrotron and X-ray Powder Diffraction Data for Complex Oxides Dr. Leonid Vasylechko L'viv Polytechnic National University Ukraine **Cation Exchanged Hydrated Zeolites** Dr. Michael Wendschuh **Universtat Bremen** Germany Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases Prof. Xinkan Yao Tianjin Institute of X-ray Analyses People's Republic of China **Powder Diffraction Patterns of Adducts and Organic Compounds** Prof. Jimin Zheng Nankai University People's Republic of China **Complex Chalcogenides** Dr. Olga Zmii Volyn State University Ukraine Please note that additional participants will be added once the signed agreements are received at the ICDD.

Grant-in-Aid (Cycle II)

1 October 2009 to 30 September 2010

Powder Patterns for Ceramics, Functional Materials and Intermediates

Dr. Vyacheslav Baumer State Scientific Institute Institute for Single Crystals

Ukraine

X-ray Powder Diffraction Patterns of New Transition-Metal Oxides and Intermetallic

Compounds

Dr. Rached Ben Hassen

University Tunis El Manar

Tunisia

Quality Powder Patterns of Inorganic Functional Materials

Prof. Xiaolong Chen Chinese Academy of Sciences People's Republic of China High Quality XRPD Pattern Production for Inorganic and Organic Compounds Dr. Stanislav Filatov St. Petersburg State University **Russian Federation** Multicomponent Oxides Made by Sol-Gel Technique Prof. Giora Kimmel Ben-Gurion University of the Negev Israel Powder Patterns of Organic Phases with 3d Atomic Coordinates Prof. Shao-Fan Lin Tianjin Institute of X-ray Analyses People's Republic of China **Rare Earth Intermetallic Compounds** Dr. Alexander Morozkin Moscow State University **Russian Federation** X-ray Powder Diffraction - New Organic Compounds V Dr. Elzbieta Olszewska University of Maria Curie-Sklodowska Poland X-ray Powder Diffraction Patterns of Luminiscent Metal-Organic Networks and Organic **Materials with Pharmaceutical Uses** Dr. Silvina Pagola College of William and Mary USA **Powder Patterns of Flavin Derivatives** Dr. Richard Pazout

Institute of Chemical Technology Czech Republic **Powder Patterns of Bioactive Organic Phases** Prof. Yongbing Peng Tianjin Association for Instrumental Analyses

People's Republic of China

X-ray Powder Diffraction - New Organic Compounds XIV

Prof. Stanislaw Pikus Maria Curie-Sklodowska University Poland

Organic Salts, LDH's and Cement Minerals

Dr. Herbert Poellmann

University of Halle

Germany

Generation of Powder X-ray Diffraction Patterns of New Ceramic Complex Oxides

Prof. Padala Prabhakar Rao

National Institute for Interdisciplinary Science & Technology

India

XRPD Patterns of Aniline Complexes and Historical Materials, Part I

Dr. Alicja Rafalska-Lasocha

Jagiellonian University

Poland

Diffractometer X-ray Powder Patterns of Heterocyclic Compounds

Dr. Victor Rybakov Moscow State University Russian Federation

X-ray Diffraction Patterns of Metallocarboranes

Dr. Tatiana Shkarina Voronezh State University Russian Federation

X-ray Diffraction Patterns of Aurivillius Phases

Dr. Victoria Shuvaeva

Institute of Physics, South Federal University

Russian Federation

X-ray Diffraction Patterns of Bismuth Layer Perovskite-like Oxides

Dr. Valery Vlasenko

Institute of Physics, South Federal University Russian Federation Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases Prof. Xinkan Yao Tianjin Institute of X-ray Analyses People's Republic of China X-ray Reference Patterns of Intermetallic Compounds and their Hydrides Dr. Ihor Zavaliy National Academy of Sciences Ukraine X-ray Powder Diffraction Patterns of New Transition-Metal Oxides Dr. Hui Zhang Guilin University of Technology People's Republic of China

Please note that additional participants will be added once the signed agreements are

received at the ICDD.

Grant-in-Aid (Cycle I)

1 April 2009 to 31 March 2010

X-ray Diffraction Patterns of Inorganic and Organic Compounds

Prof. Evgeny Antipov Moscow State University Russian Federation

Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

Dr. Nathalie Audebrand

Universite de Rennes 1

France

Powder Patterns for Ceramics, Functional Materials and Intermediates

Dr. Vyacheslav Baumer State Scientific Institute, Institute for Single Crystals Ukraine

Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds

Prof. Yunxia Che

Nankai University

People's Republic of China

Guinier Patterns of Indole-containing Organic Compounds

Dr. Vladimir Chernyshev Moscow State University Russian Federation

Standard X-ray Powder Diffraction Data of New Dielectric Ceramics

Prof. Liang Fang

Guilin University of Technology

People's Republic of China

Mixed Anion Compounds and Sulfides

Dr. Maria Grazia Francesconi

University of Hull

United Kingdom

Complex Rare Earth Compounds

Dr. Lubomir Gulay

Volyn State University

Ukraine

X-ray Diffraction Data of New Rare-Earth Compounds

Prof. Wei He

Guangxi University

People's Republic of China

X-ray Powder Diffraction Patterns of Polymorphic Pharmaceutics

Prof. Xiurong Hu

Zhejiang University

People's Republic of China

Multi-functional Electronic Ceramics with Perovskite and Pyrochlore Structures

Dr. Sergey Ivanov

Karpov' Institute of Physical Chemistry

Russian Federation

Reference X-ray Patterns of Technologically Important Electronic Materials

Dr. James Kaduk

Poly Crystallography, Inc.

USA

X-ray Diffraction Patterns of Molybdates

Dr. Elena Khaikina

Baikal Institute of Nature Management

Siberian Branch of the Russian Academy of Sciences **Russian Federation** X-ray Diffraction Patterns of Organoelement Compounds Dr. Yevgeniy Knyazev Voronezh State University **Russian Federation XRPD** Characterization of New Inorganic-Organic Compounds Prof. Wieslaw Lasocha Jagiellonian University Poland X-ray Diffraction Patterns of Phosphates, Vanadates, and Molybdates Dr. Bogdan Lazoryak Moscow State University **Russian Federation Powder Patterns of Organic Phases with 3d Atomic Coordinates** Prof. Shao-Fan Lin Tianjin Institute of X-ray Analysis People's Republic of China Pattern Production of Inorganic and Organic Substances Dr. Vladimir Nalbandyan South Federal University **Russian Federation New Acentric Chalcogenides** Dr. Oleg Parasyuk Volyn State University Ukraine **Powder Patterns of Bioactive Organic Phases** Prof. Yongbing Peng Tianjin Association for Instrumental Analysis People's Republic of China New Ternary Intermetallics of Rare Earth Metals Dr. Yurii Seropegin Moscow State University **Russian Federation Reference Data Sets of Microcrystalline Materials** Dr. Roman Shpanchenko

Moscow State University **Russian Federation** Metal-Organic Frameworks Containing Diacetates: Polymorphism and Related Compounds I Dr. Leopoldo Suescun University of Uruguay Uruguay **New Complex Chalcogenides** Dr. Bohdan Tataryn Volyn State University Ukraine Synchrotron and X-ray Powder Diffraction Data for Complex Oxides and Intermetallics Dr. Leonid Vasylechko L'viv Polytechnic National University Ukraine Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases Prof. Xinkan Yao Tianjin Institute of X-ray Analysis People's Republic of China **Organic Dyes** Dr. Alexandr Yatsenko Moscow State University **Russian Federation** New Non-Centrosymmetric Chalcogenides Dr. Olexiy Zhbankov Volyn State University Ukraine **Powder Diffraction Patterns of Adducts and Organic Compounds** Prof. Jimin Zheng Nankai University People's Republic of China **Complex Chalcogenides** Dr. Olga Zmii Volyn State University Ukraine

Grant-in-Aid (Cycle II)

1 October 2008 to 30 September 2009

Powder Patterns for Ceramics, Functional Materials and Intermediates

Dr. Vyacheslav Baumer

State Scientific Institute, Institute for Single Crystals

Ukraine

Quality Powder Patterns of Inorganic Functional Materials

Prof. Xiaolong Chen

Chinese Academy of Sciences

People's Republic of China

Ternary Re-Oxides

Dr. Helmut Ehrenberg

Darmstadt University of Technology

Germany

XRPD Patterns of New Intermetallic Compounds with Group III/IV Elements

Prof. Roman Gladyshevskii Ivan Franko National University of L'viv

Ukraine

Multicomponent Oxides Made by Sol-Gel Technique

Prof. Giora Kimmel Ben-Gurion University of the Negev Israel

Production of Reference Powder Patterns of Known and New Compounds

Dr. Sergei Kirik Institute of Chemistry, RAS

Russian Federation

Powder Patterns of Organic Phases with 3d Atomic Coordinates

Prof. Shao-Fan Lin Tianjin Institute of X-ray Analysis People's Republic of China

Rare Earth Intermetallic Compounds

Dr. Alexander Morozkin

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X-ray Powder Diffraction - New Inorganic and Organic Compounds IV

Dr. Elzbieta Olszewska University of Maria Curie-Sklodowska Poland Powder Patterns of Bioactive Organic Phases Prof. Yongbing Peng Tianjin Association for Instrumental Analysis People's Republic of China X-ray Powder Diffraction - Inorganic and Organic Compounds XIII Prof. Stanislaw Pikus University of Maria Curie-Sklodowska

Poland

New Data on Cement Compounds, Formates, and Perovskites

Dr. Herbert Poellmann University of Halle

Germany

XRPD Patterns of DMAN Complexes and Historical Materials

Dr. Alicja Rafalska-Lasocha Jagiellonian University Poland

Generation of Powder X-ray Diffraction Patterns of New Ceramic Complex Oxides

Prof. Padala Prabhakar Rao

National Institute for Interdisciplinary Science & Technology

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X-ray Diffraction Patterns of Elemento-Organic Compounds

Dr. Tatiana Shkarina Voronezh State University

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X-ray Diffraction Patterns of Aurivillius Phases

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Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases
Prof. Xinkan Yao

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X-ray Reference Patterns of Intermetallic Compounds and their Hydrides

Dr. Ihor Zavaliy National Academy of Sciences Ukraine X-ray Powder Diffraction Patterns of New Transition-Metal Oxides

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Grant-in-Aid (Cycle I)

1 April 2008 to 31 March 2009

X-ray Diffraction Patterns of Inorganic and Organic Compounds

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Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

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Powder Patterns for Ceramics, Functional Materials and Intermediates

Dr. Vyacheslav Baumer State Scientific Institute Institute for Single Crystals Ukraine Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds Prof. Yunxia Che Nankai University People's Republic of China Standard X-ray Powder Diffraction Data of New Dielectric Ceramics Prof. Liang Fang Guilin University of Technology People's Republic of China

Synthesis of Strontium-based Rare-Earth Titanates: Novel Complex Perovskites

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Complex Rare Earth Compounds

Dr. Lubomir Gulay Volyn State University Ukraine

New Ternary Rare Earth Compounds

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Guangxi University

People's Republic of China

Perovskite Multiferroics

Dr. Sergey Ivanov

Karpov' Institute of Physical Chemistry

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Reference X-ray Patterns of Technologically Important Electronic Materials

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Production of Reference Powder Patterns of Known and New Compounds

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Russian Federation

X-ray Diffraction Patterns of Bi-nuclears Heterometallic Complexes

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XRPD Characterization of New Inorganic-Organic Octamolybdates

Prof. Wieslaw Lasocha Jagiellonian University Poland

X-ray Diffraction Patterns of Phosphates, Vanadates, and Molybdates

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Powder Patterns of Organic Phases with 3d Atomic Coordinates

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X-ray Powder Diffraction Patterns of Organic Compounds with Pharmaceutical Applications

Dr. Silvina Pagola College of William and Mary USA

New Acentric Chalcogenides

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Powder Patterns of Bioactive Organic Phases

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New Ternary Intermetallics based on Rare Earths and Noble Metals

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New Complex Chalcogenides

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Measurement and Interpretation of High-Quality XRPD Patterns

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Synchrotron and X-ray Powder Diffraction Data for Complex Oxides

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Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases

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Organic Azo Dyes

Dr. Alexandr Yatsenko Moscow State University **Russian Federation** X-ray Diffraction Patterns of Elemento-organic Compounds Dr. Igor Zanin Voronezh State University **Russian Federation** New Non-Centrosymmetric Chalcogenides Dr. Olexiy Zhbankov Volyn State University Ukraine **Powder Diffraction Patterns of Adducts and Organic Compounds** Prof. Jimin Zheng Nankai University People's Republic of China **Complex Chalcogenides** Dr. Olga Zmii Volyn State University Ukraine Grant-in-Aid (Cycle II) 1 October 2007 to 30 September 2008 Powder Patterns for Ceramics, Functional Materials and Intermediates Dr. Vyacheslav Baumer State Scientific Institute Institute for Single Crystals Ukraine XRPD Patterns of New, Fully Characterized, Intermetallic Compounds with Group III/IV **Elements** Prof. Roman Gladyshevskii

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X-ray Diffraction Patterns of Complex Oxide Compounds

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X-ray Powder Diffraction - New Organic Compounds III

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Powder Patterns of Bioactive Organic Phases

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X-ray Powder Diffraction - New Inorganic and Organic Compounds XII

Prof. Stanislaw Pikus University of Maria Curie-Sklodowska Poland

New X-ray Powder Data for Minerals, Brownmillerites and Formates

Dr. Herbert Poellmann University of Halle Germany XRPD Patterns of the Compounds Important in Pharmacology and Industry, and Some of **Their Derivatives** Dr. Alicja Rafalska-Lasocha Jagiellonian University Poland

Generation of Powder X-ray Diffraction Patterns for New Ceramic Oxide Compounds

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Dr. Tatiana Shkarina

X-ray Diffraction Patterns of Inorganic Semiconductor Compounds

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Dr. Vyacheslav Baumer

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Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds

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X-ray Diffraction Patterns of Molybdates

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Production of Reference Powder Patterns of Known and New Compounds

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X-ray Diffraction Patterns of Bi-nuclears Heterometallic Complexes

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- Voronezh State University

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XRPD Patterns of New Organoammonium Penta- and Heptamolybdates

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- Jagiellonian University
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X-ray Diffraction Patterns of Phosphates and Vanadates

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Powder Patterns of Organic Phases with 3d Atomic Coordinates

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The Investigation of New Natural Compounds and Drugs

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Powder Patterns of Bioactive Organic Phases

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Powder Diffraction Patterns of Metal Carboxylates VI

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Cerium and Nobel Metal-based Ternary Intermetallics

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New Complex Chalcogenides

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Measurement and Interpretation of High-Quality XRPD Patterns

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X-ray Diffraction Patterns of Elementoorganic Compounds

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New Non-Centrosymmetric Chalcogenides

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Powder Diffraction Patterns of Adducts and Organic Compounds

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Please note that additional participants will be added once the signed agreements are

received by the ICDD.

Grant-in-Aid (Cycle II)

1 October 2006 to 30 September 2007

Powder Patterns for Ceramics, Functional Materials and Intermediates

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XRPD Patterns of New, Fully Characterized, Intermetallic Compounds with Group III/IV

Elements

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Rare Earth Intermetallic Compounds

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Grant-in-Aid (Cycle I)

1 April 2006 to 31 March 2007

X-ray Diffraction Patterns of Inorganic and Organometallic Compounds

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Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

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Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds

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Quality Powder Patterns of Inorganic Functional Materials

Prof. Xiaolong Chen

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The Preparation of New Complex Oxides with Standard X-ray Powder Diffraction Data

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XRPD of Ternary Gallium Intermetallic Compounds

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X-ray Diffraction Patterns of Molybdates

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Multicomponent Oxides Made by Sol-Gel Technique

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Production of Reference Powder Patterns of Known and New Compounds

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X-ray Diffraction Patterns of Bi-nuclears Heterometallic Complexes

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XRPD Patterns of Polymolybdates, Peroxomolybdates and their Organic and Inorganic

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X-ray Diffraction Patterns of Phosphates, Vanadates and Molybdates

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Powder Patterns of Organic Phases with 3d Atomic Coordinates

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The Investigation of New Natural Compounds and Drugs

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Nitrogen Heterocyclic Compounds

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Measurement of Interpretation of High Quality XRPD Patterns

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Powder Diffraction of Inorganic Phosphates

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Powder Diffraction Patterns of Metal Carboxylates V

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New Ternary Ce-based Intermetallics

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Compounds with Rare-Earth Elements

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XRD Patterns of Alloy Phases

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Powder Diffraction Patterns of Adducts and Organic Compounds

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X-ray Powder Diffraction Patterns and Digitized Diffractograms (.pd3) of New Inorganic and

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1 October 2005 to 30 September 2006 XRD Patterns of the New Chelating N,P-Ligands and their Precursors Dr. Mikhael Antipin Institute of Organoelement Compounds Russian Academy of Sciences Russian Federation

Powder Diffraction Patterns of Organic Compounds, Complexes, and Inorganic Compounds

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Characterization of Versatile Boronic Acids

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XRD Powder Patterns of Rare-Earth and Transition Metal Alloys

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XRPD Patterns of New, Fully Characterized, Ternary Intermetallic Compounds

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New Complex Oxide Compounds

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X-ray Powder Diffraction - New Inorganic and Organic Compounds I

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X-ray Powder Diffraction - New Inorganic and Organic Compounds X

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X-ray Powder Data of Organic Acids, Metal Hydroxisalts with Organic Acids, and Organic

Acid Salts

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XRPD Patterns of Organic Acids and Other Compounds Important in Pharmacology and

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X-ray Diffraction Patterns of Aurivillius Phases

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XRD Patterns of New Metal Complexonates

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New Energetic and Metal-Organic Compounds

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X-ray Diffraction Patterns of Metallochelates

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Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases

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X-ray Reference Patterns of Intermetallic Compounds and their Hydrides

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Powder Patterns for Ceramics, Functional Materials and Intermediates

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The Preparation of New Complex Oxides with Standard X-ray Powder Diffraction Data

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New Complex Chalcogenides

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X-ray Powder Patterns of Salts of Inorganic Acids with Organic Cations

Dr. David Havlicek **Charles University Czech Republic Complex Perovskite Oxides with Unusual Dielectric and Magnetic Properties** Dr. Sergey Ivanov Karpov' Institute of Physical Chemistry **Russian Federation** Preparation of New Ceramic Oxides and Generation of their XRPD Patterns Dr. Jose James **Regional Research Laboratory** Council of Scientific and Industrial Research India X-ray Diffraction Patterns of Molybdates Prof. Elena Khaikina Baikal Institute of Nature Management **Russian Academy of Sciences Russian Federation** Multicomponent Oxides Made by Sol-Gel Technique Prof. Giora Kimmel Ben-Gurion University of the Negev Israel Production of Reference Powder Patterns of Known and New Compounds Dr. Sergei Kirik Institute of Chemistry **Russian Federation** Synthesis and X-ray Diffraction Study of New Perspective Materials Prof. Galina Kuz'micheva M.V. Lomonosov State Academy of Fine Chemical Technology **Russian Federation** XRPD Patterns of Polymolybdates, Peroxomolybdates and their Organic and Inorganic **Derivatives** Prof. Wieslaw Lasocha Jagiellonian University Poland

X-ray Diffraction Patterns of Phosphates, Vanadates and Molybdates

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New Intermetallics of Rare Earth Elements

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X-ray Diffraction Patterns of Elementoorganic Compounds and Inorganic Semiconductor

Compounds AIIBV and AIBVI Types

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Patterns of Ternary Alloy Phases

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X-ray Powder Diffraction Patterns and Digitized Diffractograms (.pd3) of New Inorganic and

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Complex Chalcogenides

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Grant-in-Aid (Cycle II)

1 October 2004 to 30 September 2005

Studies of Quaternary FeNiMnAI and FeCoMn

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XRD Powder Patterns of Rare-Earth Metal Alloys

Prof. Oksana Bodak

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Characterization of Fluorinating Reagents

Dr. Elena Fernandez

University Rovira i Virgili Spain Complex Materials Including Oxides, Oxide-halides, and Sulphides Dr. M. Grazia Francesconi University of Hull United Kingdom Multicomponent Oxides Made by Sol-Gel Prof. Giora Kimmel Ben-Gurion University of the Negev Israel Production of Reference Powder Patterns of Known and New Compounds Dr. Sergei Kirik Institute of Chemistry **Russian Federation** X-ray Diffraction Patterns of Complex Oxide Compounds Dr. Victoria Kroutko Institute of General and Inorganic Chemistry, Russian Academy of Science **Russian Federation** Powder Patterns of Organic Phases with 3d Atomic Coordinates Prof. Shao-Fan Lin Tianjin Institute of X-ray Analysis People's Republic of China The Investigation of the New Natural Compounds and their Derivations Prof. Yang Lu Chinese Academy of Medical Sciences People's Republic of China Pattern Production of Mixed Oxides and Salts Dr. Vladimir Nalbandyan Rostov State University **Russian Federation** X-ray Powder Diffraction - New Inorganic and Organic Compounds Dr. Elzbieta Olszewska University of Marie-Curie-Sklodowska Poland

X-ray Powder Diffraction - New Inorganic and Organic Compounds IX

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X-ray Data of Metal Hydroxisalts Containing Organics, Organic Salts and Hydration Stages

Prof. Dr. Herbert Pollmann

University of Halle

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Antioxidantes and Other Substances

Dr. Alexandr Prosenko

Novosibirsk State Pedagogical University

Russian Federation

XRPD Patterns of Pharmaceuticals and Other Compounds Important in Industry

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Poland

X-ray Diffraction Patterns of Aurivillius Phases

Dr. Victoria Shuvaeva

Rostov State University

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Precise XRD Patterns of New Carboxylate and Phosphonate Metal and Ammonium

Complexes

Dr. Yuri Slovokhotov

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Russian Academy of Sciences

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Molecular Synthons for Crystal Engineering

Dr. Maryjane Tremayne

University of Birmingham

United Kingdom

Various Oxides

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University of Frankfurt

Germany

New Energetic and Metal-Organic Compounds

Dr. Alexander Vasiliev

Institute of Physics, Russian Academy of Sciences

Russian Federation

X-ray Diffraction Patterns of Metallochelates with N, S, O Environment

Dr. Valery Vlasenko **Rostov State University** Institute of Physical and Organic Chemistry **Russian Federation** Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases

Prof. Xinkan Yao Tianjin Institute of X-ray Analysis People's Republic of China

X-ray Reference Patterns of Intermetallic Compounds and their Hydrides

Dr. Ihor Zavaliy Physico-Mechanical Institute Ukraine

X-ray Powder Diffraction Patterns of New Transition-metal Oxides

Prof. Hui Zhang Wuhan University of Technology

People's Republic of China

Grant-in-Aid (Cycle I)

1 April 2004 to 31 March 2005

X-ray Diffraction Patterns of Inorganic and Organometallic Materials

Prof. Evgeny Antipov

Moscow State University

Russian Federation

Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

Dr. Nathalie Audebrand

Universite de Rennes 1

France

Quality Powder Patterns of Inorganic Functional Materials

Prof. Xiaolong Chen

Chinese Academy of Sciences

People's Republic of China

The Preparation of New Complex Oxides with Standard X-ray Powder Diffraction Data

Prof. Liang Fang

Wuhan University of Technology People's Republic of China **Novel Complex Molybdates** Dr. Hartmut Fuess Darmstadt University Germany **Complex Perovsksite Oxides with Unusual Dielectric and Magnetic Properties** Dr. Sergey Ivanov Karpov' Institute of Physical Chemistry **Russian Federation** Preparation of New Ceramic Oxides and Generation of their XRPD Patterns Dr. Jose James **Regional Research Laboratory** India Production of Reference Powder Patterns of Known and New Compounds Dr. Sergei Kirik Institute of Chemistry **Russian Federation** Measurement of Interpretation of High Quality XRPD Patterns Dr. Anton Korotkov Tyumen State University **Russian Federation** XRPD Patterns of: 1.Carboxylic Acids and their Salts and DMAN Complexes, 2.Keggin-type Heteropolyacids and Octamolybdates Prof. Wieslaw Lasocha Jagiellonian University Poland X-ray Diffraction Patterns of Phosphates, Vanadates, and Molybdates Prof. Bogdan Lazoryak Moscow State University **Russian Federation Novel Microporous Solids** Prof. Philip Lightfoot University of St. Andrews United Kingdom

Powder Patterns of Organic Phases with 3d Atomic Coordinates

Prof. Shao-Fan Lin Tianjin Institute of X-ray Analysis People's Republic of China The Investigation of the New Natural Compounds and their Derivations Prof. Yang Lu Chinese Academy of Medical Sciences People's Republic of China **Powder Diffraction of Phosphates and Complex Oxides** Dr. Sergei Polyakov Moscow State University Skobeltsyn Institute of Nuclear Physics **Russian Federation** Powder Diffraction Patterns of Metal Carboxylates III Prof. Zofia Rzaczynska Maria Curie-Sklodowska University Poland New Intermetallides based on Noble Metals Dr. Yurii Seropegin Moscow State University **Russian Federation Quaternary Chalcoganides** Dr. Bohdan Tataryn Volyn State University Ukraine Measurement and Interpretation of High-Quality XRPD Patterns Dr. Ekkehart Tillmanns Universitaet Wien - Geozentrum Austria High-resolution Synchrotron and X-ray Powder Diffraction Data for Mixed Rare Earth Aluminates, Gallates and Titanates

Dr. Leonid Vasylechko

L'viv Polytechnic National University

Ukraine

X-ray Diffraction Patterns of Copper (II), Iron (III), and Nickel (II) Metallochelates with N,

S, O Environment

Dr. Valery Vlasenko Rostov State University Russian Federation

Reference X-ray Patterns of Technologically Important Electronic Materials

Dr. Winnie Wong-Ng

NIST

U.S.A.

Powder Patterns With Digitized Data and 3d Atomic Coordinates on Organic Phases

Prof. Xinkan Yao

Tianjin Institute of X-ray Analysis

People's Republic of China

Organic Azo Dyes

Dr. Alexandr Yatsenko

Moscow State University

Russian Federation

X-ray Diffraction Patterns of Metallcarboranes and Inorganic Compounds AIIBV Type

Dr. Igor Zanin

Voronezh State University

Russian Federation

Patterns of Refractory Metal Alloys

Prof. Lingmin Zeng

Guangxi University

People's Republic of China

Powder Diffraction Patterns of Organic Adducts and Organic Compounds

Prof. Jimin Zheng

Nankai University

People's Republic of China

X-ray Powder Diffraction Patterns and Digitized Diffractograms (.pd3) of New Inorganic and

Organic Compounds

Dr. Vladimir Zubkov Ural Branch of the Russian Academy of Sciences Institute of Solid State Chemistry

Russian Federation

Grant-in-Aid (Cycle II)

1 October 2003 to 30 September 2004

Characterization of Functional Phenanthrene and Phenantroline Derivatives

Dr. Elena Fernandez University Rovira i Virgili Spain

Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases

Prof. Shao-Fan Lin

Nankai University

People's Republic of China

Measurement of Interpretation of High Quality XRPD Patterns

Dr. Guanglie Lu

Zhejiang University

People's Republic of China

The Investigation of the New Natural Compounds and their Derivations

Prof. Yang Lu

Chinese Academy of Medical Sciences

People's Republic of China

X-ray Powder Diffraction - New Inorganic and Organic Compounds VIII

Prof. Stanislaw Pikus

University of Maria Curie-Sklodowska Poland

X-ray Diffraction Patterns of Aurivillius Phases

Dr. Victoria A. Shuvaeva

Rostov State University

Institute of Physics

Russian Federation

Powder Patterns With Digitized Data and 3d Atomic Coordinates on Organic Phases

Prof. Xinkan Yao

Tianjin Institute of X-ray Analysis

People's Republic of China

X-ray Reference Patterns of Intermetallic Compounds and their Hydrides

Dr. Ihor Zavaliy Physico-Mechanical Institute National Academy of Sciences Ukraine

Crystal Structure of Complex Chalcogenides

Dr. Olga Zmii Volyn State University Ukraine

Grant-in-Aid (Cycle I)

1 April 2003 to 31 March 2004

X-ray Diffraction Patterns of Inorganic Materials

Prof. Evgeny Antipov Moscow State University Russia

Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

Dr. Nathalie Audebrand Universite de Rennes I Laboratoire de Chimie du Solide et Inorganique Moleculaire France X-ray Powder Patterns of Rare-Earth Metal Alloys Dr. Oksana Bodak Ivan Franko L'viv National University Ukraine

Quality Powder Patterns of Inorganic Functional Materials

Prof. Xiaolong Chen Chinese Academy of Sciences Institute of Physics People's Republic of China

XRPD of Ternary Gallium Intermetallic Compounds

Dr. Anatolij Fedorchuk

Institute "Noospsher" Ltd.

Mail Box No. 1036

Ukraine

Substituted Ceria Compounds for Fuel Cell Electrolytes and Electrodes

Dr. Martha Greenblatt

Rutgers University

Chemistry Department

X-ray Diffraction Patterns of Complex Metal Oxides with Unusual Dielectric, Magnetic and

Optical Properties

Dr. Sergey A. Ivanov Karpov' Institute of Physical Chemistry Russia

Production of Reference Powder Patterns of Known and New Compounds

Dr. Sergei D. Kirik Institute of Chemistry Russia

XRPD Patterns of Carboxylic Acids, Anhydrides and DMAN Complexes

Prof. Wieslaw Lasocha Jagiellonian University Poland

X-ray Diffraction Patterns of Phosphates and Molybdates

Prof. Bogdan Lazoryak Moscow State University

Russia

Layered Oxide Perovskites

Dr. Philip Lightfoot University of St. Andrews United Kingdom

30 Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases

Prof. Shao-Fan Lin

Nankai University

People's Republic of China

The Investigation of the New Natural Compounds and their Derivations

Prof. Yang Lu

Chinese Academy of Medical Sciences

1 Xian Nong Tan Street

People's Republic of China

Synthesis and XRD Study of Borophosphates and Phosphates

Dr. Jin-Xiao Mi

Xiamen University

People's Republic of China

Powder Diffraction of Vanadates, Phosphates and Molybdates

Dr. Sergey N. Polyakov

Moscow State University

Skobeltsyn Institute of Nuclear Physics

Russia

Organic Substances and Oxides

Dr. Alexandr Prosenko

Novosibirsk State Pedagogical University

Vijuskaya St. 28

Russia

Powder Diffraction Patterns of Metal Carboxylates II

Dr. Zofia Rzaczynska Maria Curie-Sklodowska University M.C. Sklodowskiej Sq. 2 Poland

New Ternary Intermetallics Based on Rare Earths

Dr. Yurii Seropegin

Moscow State University

Chemistry Department

Russia

X-ray Reference Patterns of Ternary Rare-Earth and Transition Metals, Aluminides,

Antimonides and Germanides

Dr. Bogdan M. Stel'makhovych Ivan Franko National University of L'viv Kyrylo and Mefogij Str. 6 Ukraine Measurement and Interpretation of High-Quality XRPD Patterns Dr. Ekkehart Tillmanns Universitat Wien-Gozentrum Austria Molecular Synthons for Crystal Engineering Dr. Maryjane Tremayne

University of Birmingham

United Kingdom

Various Oxides

Dr. Martin Troemel

University of Frankfurt

Dept. of Inorganic Chemistry

Germany

New Energetic and Metal-Organic Compounds

Dr. Alexander D. Vasiliev Institute of Physics **Russian Academy of Sciences**

Russia

High Resolution Synchrotron and X-ray Powder Diffraction Data for Mixed Oxides with

Perovskite-like Structures

Dr. Leonid O. Vasylechko L'viv Polytechnic National University Ukraine Powder Patterns with Digitized F

Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases

Prof. Xinkan Yao Tianjin Institute of X-ray Analysis People's Republic of China

Organic Materials and Dyes

Dr. Alexandr Yatsenko Moscow State University Chemistry Department Russia

X-ray Diffraction Patterns of Metallcarboranes and X-ray Diffraction Patterns of

Elementoorganic Compounds

Dr. Igor Zanin Voronezh State University Russia

Patterns of Barium Alloys

Prof. Lingmin Zeng Guangxi University People's Republic of China

Powder Diffraction Patterns of Adducts and Organic Compounds

Prof. Jimin Zheng

Nankai University

Department of Chemistry

People's Republic of China

X-ray Powder Diffraction Patterns and Digitized Diffractograms (.pd3) of New Inorganic and

Organic Compounds

Dr. Vladimir Zubkov

Ural Branch of the Russian Academy of Sciences

Institute of Solid State Chemistry

Russia

Grants-in-Aid (Cycle II)

1 October 2002 to 30 September 2003

X-ray Diffraction Pattern Data of Pharmaceutical Compounds

Dr. Silvia Cuffini

CEPROCOR, Technological Centre of Cordoba

Argentina

The Preparation of New Complex Oxides with Standard X-ray Powder Diffraction Data

Dr. Liang Fang

Wuhan University of Technology

People's Republic of China

Characterization of Mono- and Di-Organoboranes

Dr. Elena Fernandez

University Rovira i Virgili

Spain

High Quality XRPD Pattern Production for Inorganic and Organic Compounds

Prof. Stanislav K. Filatov

St. Petersburg University

Russia

Preparation of New Ceramic Oxides and Generation of Their XRPD Patterns

Dr. Jose James

Regional Research Laboratory

India

Synthesis and Characterization of New Inorganic Compounds with Complex Composition

and Special Properties

Prof. Yu-Quing Jia

East China University of Science and Technology

People's Republic of China

X-ray Diffraction Patterns of Molybdates

Dr. Elena Khaikina

Baikal Institute of Nature Management, Russian Academy of Sciences

Russia

Compounds for Hydrogen Storage

Prof. Giora Kimmel

Western Michigan University

U.S.A.

X-ray Diffraction Patterns of Complex Oxide Compounds

Dr. Victoria Kroutko

Institute of General and Inorganic Chemistry, Russian Academy of Science

Russia

Synthesis and X-ray Diffraction Study of New Perspective Materials

Prof. Galina M. Kuz'micheva

M.V. Lomonosov State Academy of Fine Chemical Technology

Russia

30 Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases

Prof. Shao-Fan Lin

Nankai University

People's Republic of China

Pattern Production of Mixed Oxides

Prof. Vladimir Nalbandyan

Rostov State University

Russia

X-ray Powder Diffraction-Inorganic and Organic Compounds VII

Dr. Stanislaw Pikus

University of Maria Curie-Sklodowska Poland

New Data on Technically Important Phases of Cements, Organics and New Materials

Prof. Dr. Dr. Herbert Pollmann

University of Halle, Institute of Geological Science

Germany

X-ray Diffraction Patterns of Aurivillius Phases

Dr. Victoria Shuvaeva

Institute of Physics, Rostov State University

Russia

X-ray Diffraction Patterns of New Derivatives of Organophosphonic Acids

Dr. Yuri L. Slovokhotov

Institute of Organoelement Compounds, Russian Academy of Sciences

Russia

New Energetic and Fluoride Compounds

Dr. Alexander Vasiliev

Institute of Physics, Russian Academy of Science Russia The Investigation of the New Natural Compounds and their Derivatives Prof. Lu Yang Chinese Academy of Medical Sciences People's Republic of China Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Phases Prof. Xinkan Yao Tianjin Institute of X-ray Analysis People's Republic of China Standard X-ray Powder Diffraction Data of New Complex Oxides Dr. Hui Zhang Wuhan University of Technology

People's Republic of China

Grant-in-Aid (Cycle I)

1 April 2002 to 31 March 2003

X-ray Powder Diffraction Characterization of Non-linear Optical Organic Compounds

Prof. Mikhael Yu. Antipin Institute of Organoelement Compounds **Russian Academy of Sciences** Russia X-ray Diffraction Patterns of Inorganic and Organometallic Compounds Prof. Evgeny Antipov Moscow State University Russia Measurement and Calculation of X-ray Powder Patterns of Alloys of Rare-Earths Prof. Oksana Bodak L'viv National University Ukraine **Quality Powder Patterns of Inorganic Functional Materials** Prof. Xiaolong Chen Chinese Academy of Sciences Institute of Physics People's Republic of China

XRPD of Ternary Gallium Intermetallic Compounds

Dr. Anatolij O. Fedorchuk

Institute Noospsher Ltd.

Ukraine

Powder X-ray Diffraction Patterns of Double Perovskites

Prof. Martha Greenblatt

Rutgers University

USA

X-ray Diffraction Patterns of Complex Metal Oxides with Unusual Dielectric and Magnetic

Properties

Dr. Sergey A. Ivanov Karpov' Institute of Physical Chemistry Russia Metal Hydrogen Phosphates (III) Prof. Erhard Kemnitz Humboldt University Germany Diffraction Data on Alloy Phases, Intermetallic Compounds and Multicomponent Oxides Prof. Giora Kimmel Ben-Gurion University of the Negev Israel Production of Reference Powder Patterns of Known and New Compounds Dr. Sergei Kirik Institute of Chemistry Russia **XRPD** Patterns of Carboxylic Acids and their Derivatives Prof. Wieslaw Lasocha Jagiellonian University Poland X-ray Diffraction Patterns of Phosphates and Molybdates Prof. Bogdan Lazoryak Moscow State University Russia

60 Powder Patterns With Digitized Data and 3d Atomic Coordinates on Organic Compounds

Prof. Shao-Fan Lin

Nankai University People's Republic of China Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability Dr. Daniel Louër Universite de Rennes France Preparation of Powder X-ray Diffraction Patterns of Organic Compounds Prof. Isaac Mayer Hebrew University Israel Synthesis and XRD Study of Borophosphates Dr. Jin-Xiao Mi Xiamen University People's Republic of China **New Phosphate Materials** Dr. Sergei Polyakov Skobeltsyn Institute of Nuclear Physics Moscow State University Russia

Powder Diffraction Patterns of Metal Carboxylates

Prof. Zofia Rzaczynska Maria Curie-Sklodowska University Poland New Binary and Ternary Intermetallics based on Rare-Earths and Noble Metals Dr. Yurii Seropegin Moscow State University Russia Inorganic Derivatives of Peptide Amino Acids Prof. Yurly Smolin Institute of Silicate Chemistry Russian Academy of Sciences Russia X-ray Reference Patterns of Ternary Intermetallic Aluminides and Gallides of Rare-Earth with (Cu,Ag,Zn)

Dr. Bogdan Stel'makhovych

Ivan Franko National University of L'viv

Ukraine

Measurement and Interpretation of High-Quality XRPD Patterns

Dr. Ekkehart Tillmanns

Universitat Wien - Geozentrum

Austria

Molecular Synthons for Crystal Engineering

Dr. Maryjane Tremayne

University of Birmingham

United Kingdom

Various Oxides

Dr. Martin Troemel

University of Frankfurt

Germany

High-resolution Synchrotron Powder Diffraction Data for the Perovskites with Pseudo-cubic

Structures

Dr. Leonid Vasylechko

L'viv Polytechnic National University

Ukraine

Reference X-ray Patterns of Technologically Important Electronic Materials

Dr. Winnie Wong-Ng

NIST

USA

The Investigation of the New Natural Compounds and Their Derivatives

Prof. Lu Yang

Chinese Academy of Medical Sciences

People's Republic of China

Organic Materials and Intermediates

Dr. Alexandr Yatsenko

Moscow State University

Russia

X-ray Diffraction Patterns of Inorganic Compounds AllBV Type and X-ray Diffraction

Patterns of Metallcarboranes

Dr. Igor Zanin Voronezh State University Russia

X-ray Reference Patterns of Parent Intermetallic Compounds

Dr. Peter Zavalij SUNY at Binghamton USA **Patterns of Alloy Phases** Prof. Lingmin Zeng Guangxi University People's Republic of China Standard X-ray Powder Diffraction Data of New Complex Oxides Dr. Hui Zhang Wuhan University of Technology People's Republic of China **Powder Diffraction Patterns of Adducts and Organic Compounds** Prof. Jimin Zheng Nankai University People's Republic of China **XRPD** Patterns of Complex Chalcogenides Dr. Olga Zmii Volyn State University Ukraine

X-ray Powder Diffraction Patterns and Digitized Diffractograms (.PD3) of New Inorganic

Compounds

Dr. Vladimir Zubkov Institute of Solid State Chemistry Russian Academy of Sciences Russia

Grant-in-Aid (Cycle II)

1 October 2001 to 30 September 2002

Powder Diffraction Data on New Ionic Conductors and Other Inorganic Phases

Dr. Maxim Avdeev

Universidade de Aveiro

Portugal

The Preparation of New Complex Oxides with Standard X-ray Powder Diffraction Data

Dr. Liang Fang
Wuhan University People's Republic of China Synthesis and Characterization of Organo(Bis-Silanetriols) Dr. Elena Fernandez University Rovira I Virgili Spain High Quality XRPD Pattern Production for Inorganic and Organic Compounds Prof. Stanislav K. Filatov St. Petersburg University Russia X-ray Diffraction Patterns of Molybdates and Borates Dr. Elena G. Khaikina Baikal Institute of Nature Management Siberian Division of the Russian Academy of Sciences Baikal Institute of Nature Management Russia X-ray Diffraction Patterns of Complex Oxide Compounds Dr. Victoria A. Krut'ko Institute of General and Inorganic Chemistry **Russian Academy of Sciences** Russia Synthesis and X-ray Diffraction Study of New Perspective Materials Prof. Galina M. Kuz'micheva M.V. Lomonosov State Academy of Fine Chemical Technology Russia **Bismuth Oxide and Oxyhalide Ferroelectrics** Dr. Phillip Lightfoot University of St. Andrews United Kingdom **Dual-Phases** Dr. Hsi-Che Lin National Tsinghua University Taiwan, Republic of China 40 Patterns of Pharmaceuticals with Digitized Data and 3d Atomic Coordinates if they can be Formed Single Crystals

Prof. Shao-Fan Lin Nankai University People's Republic of China **Oxides and Other Substances** Dr. Vladimir I. Lisoivan Institute of Inorganic Chemistry Russia Minerals from Hyperalkaline Rocks Prof. Andrew M. McDonald Laurentian University Canada **Pattern Production of Mixed Oxides** Prof. Vladimir B. Nalbandyan

Rostov State University

Russia

X-ray Powder Diffraction - New Organic Compounds VI

Prof. Stanislaw Pikus University of Maria Curie-Sklodowska Poland

Technically Important Phases from Cements, Organics and Environment and New Minerals

Prof. Dr. Dr. Herbert Pollmann University of Halle Germany X-ray Diffraction Patterns of Metal Chelates Dr. Victoria A. Shuvaeva **Rostov State University** Russia X-ray Diffraction Patterns of Metal Organophosphonates Dr. Yuri L. Slovokhotov **Russian Academy of Sciences** Institute of Organoelement Compounds

Russia

Guinier Patterns of Organic Compounds

Mr. Edward J. Sonneveld University of Amsterdam The Netherlands

St. Helens College 1 (Approved Pharmaceuticals)

Mr. David J. Taylor St. Helens College United Kingdom

Energetic Compounds

Dr. A.D. Vasiliev Institute of Physics Russian Academy of Sciences Russia The Investigation of the Ne

The Investigation of the New Natural Compounds and Their Derivations

Prof. Lu Yang Chinese Academy of Medical Sciences

People's Republic of China

Grant-in-Aid (Cycle I)

1 April 2001 to 31 March 2002

X-ray Diffraction Patterns of Inorganic and Organometallic Compounds

Prof. Evgeny Antipov

Moscow State University

Russia

X-ray Diffraction of FeAI-based Heusler Compounds

Prof. Ian Baker

Dartmouth College

Thayer School of Engineering

USA

Quality Powder Patterns of Inorganic Functional Materials

Prof. X.L. Chen

Chinese Academy of Sciences

Institute of Physics

People's Republic of China

Preparation of Reference Powder Diffraction Patterns for Some New High-Tc

Superconductors and GMR (Giant-magnetoresistance) Compounds

Prof. Dr. Cheng Dong

Chinese Academy of Sciences

Institute of Physics

People's Republic of China

XRPD of Ternary Gallium Intermetallic Compounds

Dr. Anatolij O. Fedorchuk Noospsher Ltd. Ukraine Alkali Earths Rhenium Oxides Prof. Dr. Hartmut Fuess Darmstadt University of Technology Germany

Analysis of Magnetoresistant Transition Metal Oxides

Prof. Martha Greenblatt

Rutgers University

USA

X-ray Diffraction Patterns of Complex Metal Oxides with Unusual Dielectric and Magnetic

Properties

Dr. Sergey A. Ivanov Karpov' Institute of Physical Chemistry Russia

Powder Patterns of Intermetallic Compounds

Prof. Dr. Wolfgang Jeitschko Universitat Munster Germany

Metal Chalcogenates

Prof. Dr. E. Kemnitz

Humboldt University

Germany

Diffraction Data on Alloy Phases, Intermetallic Compounds and Multicomponent Oxides

Prof. Giora Kimmel

Ben-Gurion University of the Negev

Israel

Production of Reference Powder Patterns of Known and New Compounds

Prof. Sergei D. Kirik Institute of Chemistry Academy of Sciences Russia XRPD Patterns of Organic Proton Sponge Salts and Complexes/Monosubstituted Derivates

of Phenol and Aniline

Prof. Wieslaw Lasocha

Jagiellonian University

Poland

X-ray Diffraction Patterns of Phosphates and Molybdates

Prof. Bogdan I. Lazoryak Moscow State University

Russia

Inorganic Compounds

Dr. Hsi-Che Lin

Materials Research Laboratories

Taiwan, Republic of China

60 Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Compounds

Prof. Shao-Fan Lin

Nankai University

People's Republic of China

Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

Dr. Daniel Louër

Universite de Rennes I

France

Preparation of Powder X-ray Diffraction Patterns of Organic Compounds

Prof. Isaac Mayer

Hebrew University

Israel

X-ray Diffraction Data of Novel LiMeVO4 and LiMePO4 Materials

Prof. Daniele Mazza

Polytechnic of Torino

Italy

Synthesis and XRD Study of Borophosphates and Phosphates

Dr. Jin-Xiao Mi

Xiamen University

People's Republic of China

New Inorganic Materials with Transition and Rare-Earth Elements

Dr. Sergey N. Polyakov

Moscow State University

Skobeltsyn Institute of Nuclear Physics

Russia

X-ray Reference Patterns of Ternary Intermetallic Aluminides of Rare-Earth with Cu and Ag and Ternary and Quaternary Halkogenides Containing {Cu,Ag}, {Cd,Zn,Hg} and

{Ga,Si,Ge,Sn}

Dr. Bogdan M. Stel'makhovych

Noospsher Ltd.

Ukraine

Measurement and Interpretation of High-Quality XRPD Patterns

Prof. Ekkehart Tillmanns Universitat Wien-Geozentrum Austria **Powder Diffraction Patterns of Borates and Vanadates** Prof. M. Touboul Universite de Picardie Jules Verne France **Common Pharmaceutical Materials** Dr. Maryjane Tremayne University of Birmingham United Kingdom B15 2TT Various Oxides Dr. Martin Troemel Johann Wolfgang Goethe-Universitat Institut fur Anorgansiche Chemie Germany **Energetic Compounds** Dr. A.D. Vasiliev **Russian Academy of Sciences** Institute of Physics Russia **Mixed Rare Earth Gallates and Aluminates** Dr. Leonid O. Vasylechko L'viv Polytechnic National University Ukraine

Dual-Phases

Prof. Sue-Lein Wang National Tsing Hua University Taiwan, Republic of China

Reference X-ray Patterns of Technologically-Important Electronic Materials

Dr. Winnie Wong-Ng

NIST

USA

Organic Materials

Dr. Alexandr V. Yatsenko Moscow State University Institute of General Chemistry Russia

X-ray Diffraction Patterns of Inorganic Compounds $A^{II}B^{\nu}$ Type

Dr. Igor Zanin Voronezh State University Russia

X-ray Reference Patterns of Parent Intermetallic Compounds and their Hydrides

Dr. Peter Y. Zavalij SUNY at Binghamton USA

Patterns of Alloys

Prof. Lingmin Zeng

Guangxi University

People's Republic of China

Powder Diffraction Patterns of Adducts and Organic Compounds

Prof. Jimin Zheng

Nankai University

People's Republic of China

Grant-in-Aid (Cycle II)

1 October 2000 to 30 September 2001

X-ray Powder Diffraction Characterization of Non-linear Optical Organic & Organometallic

Compounds and their Precursors

Prof. Mikhael Yu. Antipin

Russian Academy of Sciences

Institute of Organoelement Compounds

Russia

Pattern Production of Sodium Titanates

Dr. Maxim Avdeev

University of Aveiro Portugal The Preparation of New Complex Oxides with Standard X-ray Powder Diffraction Data Dr. Liang Fang Wuhan University of Technology People's Republic of China High Quality XRPD Pattern Production for Alkali Borates and Organic Compounds Prof. Stanislav K. Filatov St. Petersburg University Russia **Solid State Electrical Materials** Prof. John T.S. Irvine University of St. Andrews United Kingdom Powder Diffraction and Rietveld Investigations of Inorganic Luminescent Materials and Ceramics Prof. Dr. Holsa Jorma University of Turku Finland Measurement and Interpretation of High Quality XRPD Patterns of Minerals Dr. Oxana Karimova **Russian Academy of Sciences** Institute of Ore Deposits Russia X-ray Diffraction Patterns of Molybdates and Borates Dr. Elena G. Khaikina Siberian Div. of the Russian Academy of Sciences Baikal Institute of Nature Management Russia X-ray Powder Diffraction Patterns of Some Metal Chalogenide Thiourea Compounds Dr. Malle Krunks Tallinn Technical University Institute of Materials Technology Estonia

X-ray Diffraction Patterns of Complex Oxide Compounds and Palladium Salts

Dr. Viktoria A. Krut'ko

Russian Academy of Sciences Institute of General and Inorganic Chemistry Russia Synthesis and X-ray Diffraction Study of New Perspective Materials Prof. Galina M. Kuz'micheva M.V. Lomonosov State Academy of Fine Chemical Technology Russia **Dual Phases** Dr. Hsi-Che Lin Materials Research Laboratories Taiwan, Republic of China **Oxides and Complexes** Dr. Vladimir I. Lisoivan Siberian Branch of the Russian Academy of Sciences Institute of Inorganic Chemistry Russia Pattern Production of Sodium Lithium Titanium Mixed Oxides Prof. Vladimir B. Nalbandyan **Rostov State University** Russia X-ray Powder Diffraction-New Compounds V Prof. Stanislaw Pikus University of Maria Curie-Sklodowska Poland Technically Important Phases from Cements, Organics and Environment, and New Minerals Prof. Dr. Dr. Herbert Pollmann Martin-Luther-Universitat Halle-Wittenberg Germany **Guinier Patterns of Heterocycles** Mr. Edward J. Sonneveld University of Amsterdam The Netherlands **New Binary and Ternary Intermetallic Phases** Dr. Marek Wolcyrz Polish Academy of Sciences Poland

The Investigation of New Natural Compounds and Their Derivations

Prof. Qi-Tai Zheng Chinese Academy of Medical Sciences People's Republic of China X-ray Powder Diffraction Pattern and Digitized Diffractograms (.PD3) of New Organic and

Inorganic Compounds

Dr. Vladimir G. Zubkov Ural Branch of the Russian Academy of Sciences

Institute of Solid State Chemistry

Russia

Grant-in-Aid (Cycle I)

1 April 2000 to 31 March 2001

Inorganic Materials with Unusual Properties

Dr. K.S. Aleksandrov

Institute of Physics

Siberian Branch of the Russian Academy of Sciences

Russia

Production and Evaluation of High-Quality X-ray Diffraction Powder Patterns for

Pharmaceutically Relevant Substances and for Interesting Complex Compounds

Dr. Martina Andratschke

University of Regensburg

Germany

X-ray Diffraction Patterns of Inorganic and Organometallic Compounds

Prof. Evgeny Antipov

Moscow State University

Russia

Germany

Quality Powder Patterns of Inorganic Functional Materials

Prof. X.L. Chen Institute of Physics Chinese Academy of Sciences People's Republic of China **Patterns of Interesting Energetic Materials (II)** Dr. Walter Engel Fraunhofer Institut fur Chemische Technologie

X-ray Reference Patterns of Ternary Intermetallic Gallides of Rare-Earth with Si, Ge and Sn

Dr. Anatolij O. Fedorchuk Noospsher Ltd. Ukraine

X-ray Diffraction Patterns of Complex Metal Oxides with Unusual Properties

Dr. Sergey A. Ivanov Karpov' Institute of Physical Chemistry Russia

Powder Patterns of Intermetallic Compounds

Prof. Dr. Wolfgang Jeitschko

Universitat Munster

Germany

Metal Hydrogen Chalcogenates and Phosphates

Prof. Dr. E. Kemnitz

Humboldt University

Germany

Diffraction Data on Alloy Phases, Intermetallic Compounds and Multicomponent Oxides

Prof. Giora Kimmel

Ben-Gurion University of the Negev

Israel

Production of Reference Powder Patterns of Known and New Compounds

Dr. Sergei D. Kirik Institute of Chemistry Russian Academy of Sciences

Russia

XRPD Patterns of Organic Proton Sponges, Salts, and Complexes

Prof. Wieslaw Lasocha Jagiellonian University Poland

X-ray Diffraction Patterns of Phosphates and Molybdates

Dr. Bogdan I. Lazoryak Moscow State University Russia

Dual Phase

Dr. Hsi-Che Lin

Materials Research Laboratories

Taiwan, Republic of China

50 Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Compounds

Prof. Shao-fan Lin

Nankai University

People's Republic of China

Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

Dr. Daniel Louër

Universite de Rennes I

France

Preparation of Powder X-ray Diffraction Patterns of Organic Compounds

Prof. I. Mayer Hebrew University

Israel

Pyrazine Derivatives and Related Coordination Compounds

Dr. Antonia Neels

Universite de Neuchatel

Switzerland

Diffraction Data of Inorganic Phases

Dr. Wojciech Paszkowicz

Institute of Physics

Polish Academy of Sciences

Poland

Powder Patterns of New Oxide Compounds Skobeltsyn

Dr. Sergey N. Polyakov

Moscow State University,

Institute of Nuclear Physics

Russia

Production of X-ray Diffraction Patterns for Fluoro- and Cyano Complexes, Mixed

Orthophosphates, Chalcogenide Semiconductors and Alloys

Dr. Klaus-Jurgen Range

University of Regensburg

Germany

Measurement and Interpretation of High Quality XRPD Patterns

Dr. Ira V. Rozhdestvenskaya

St. Petersburg State University

Russia

Measurement and Interpretation of High-Quality XRPD Patterns

Prof. Ekkehart Tillmanns Universitat Wien-Geozentrum

Austria

Powder Diffraction Patterns of Borates and Vanadoborates

Prof. M. Touboul Universite de Picardie Jules Verne France

Various Oxides

Dr. Martin Troemel Institut fur Anorganische Chemie

Germany

Energetic Compounds

Dr. A.D. Vasiliev Institute of Physics Russian Academy of Sciences Russia

X-ray Diffraction Data on Novel Complex Oxides

Prof. Anthony R. West

The University of Sheffield

United Kingdom

Experimental and Calculated Reference Patterns of Technologically-Important Electronic

Materials

Dr. Winnie Wong-Ng

NIST

U.S.A.

Organic Materials

Dr. Alexandr V. Yatsenko

Moscow State University

Russia

X-ray Reference Patterns of Hydrides of Intermetallic Compounds

Dr. Peter Y. Zavalij SUNY at Binghamton U.S.A

Patterns of Alloys

Prof. Lingmin Zeng Guangxi University People's Republic of China

Powder Diffraction Patterns of Adducts

Prof. Jimin Zheng

Nankai University

People's Republic of China

The Investigation of the New Natural Compounds and Their Derivations

Prof. Qi-Tai Zheng

Chinese Academy of Medical Sciences

People's Republic of China

Grant-in-Aid

1 October 1999 to 30 September 2000

Measurement of XRPD Patterns of Potential Precursors to NLO Materials

Dr. Mikhael Yu. Antipin

Institute of Organoelement Compounds, Russian Academy of Sciences

Russia

Patterns of Molecular Crystals by Conventional and Synchrotron X-ray Diffraction

Dr. Matthias Epple

University of Hamburg

Germany

The Preparation of New Complex Oxides with Standard X-ray Powder Diffraction Data

Dr. Liang Fang

Wuhan University of Technology

People's Republic of China

Analysis of Quartenary Magnetic Oxides and Sulfides

Dr. Martha Greenblatt

Rutgers University

U.S.A.

X-ray Diffraction Patterns of Molybdates and Borates

Dr. Elena G. Khaikina

Baikal Institute of Nature Management, Siberian Branch of the Russian Academy of Sciences Russia

X-ray Diffraction Patterns of Complex Oxide Compounds

Dr. V. A. Krut'ko

Institute of General and Inorganic Chemistry, Russian Academy of Sciences Russia

Synthesis and X-ray Diffraction Study of Some New Materials

Dr. Galina M. Kuz'micheva

M.V. Lomonosov Academy of Fine Chemical Technology

Russia

Zeolites and Microporous Solids

Dr. P. Lightfoot

University of St. Andrews

United Kingdom

Oxides and Complexes

Dr. Vladimir I. Lisoivan

Institute of Inorganic Chemistry, Siberian Branch of the Russian Academy of Sciences

Russia

Accurate Powder Diffraction Patterns of Polynuclear Metal-Diazolates

Prof. Norberto Masciocchi

Universita dell'Insubria

Italy

X-ray Powder Diffraction-New Organic Compounds IV

Dr. Stanislaw Pikus

University of Maria Curie-Sklodowska Poland

Technically Important Phases from Cements, Organics and Environment, and New Minerals

Prof. Dr. Dr. Herbert Poellmann

Martin-Luther-Universität Halle-Wittenberg

Germany

XRPD Patterns of New Molybdates and Tungstenates

Dr. Alexander N. Shmakov

Boreskov Institute of Catalysis

Russia

X-ray Diffraction Patterns of Oxide Materials for Electroceramics and Cements

Dr. J.M.S. Skakle

University of Aberdeen

United Kingdom

Measurement and Interpretation of X-ray Powder Patterns of Organometallic and Cluster

Compounds

Dr. Yuri L. Slovokhotov

Institute of Organoelement Compounds, Russian Academy of Sciences Russia **Molecular Synthons for Crystal Engineering** Dr. Russell Morris University of St. Andrews United Kingdom **Powder Diffraction Patterns for Metal Oxides and Their Intercalates** Prof. M. Stanley Whittingham SUNY at Binghamton

U.S.A.

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1 April 1999 to 31 March 2000

Inorganic Materials With Unusual Properties Institute of Physics

Prof. K.S. Aleksandrov

Russian Academy of Sciences

Russia

Production and Evaluation of High-Quality X-ray Diffraction Powder Patterns for

Pharmaceutically Relevant Substances

Dr. Martina Andratschke University of Regensburg

Germany

X-ray Diffraction Patterns of Inorganic and Organometallic Compounds

Dr. Evgeny Antipov

Moscow State University

Russia

Powder Diffraction Data for Some Inorganic and Organometallic Compounds

Dr. Sergei A. Gromilov Institute of Inorganic Chemistry Siberian Branch of the Russian Academy of Sciences Russia X-ray Diffraction Patterns of Inorganic Compounds Dr. Sergey A. Ivanov

Karpov' Institute of Physical Chemistry Russia

Powder Patterns of Intermetallic Compounds

Prof. Dr. Wolfgang Jeitschko Anorganisch-Chemisches Institut der Universitat Munster Germany X-ray Powder Diffraction Experimental Patterns with Supporting Calculated Patterns of Various Organic Materials and Pharmaceuticals Prof. Zongming Jin Suzhou University People's Republic of China Metal Hydrogen Sulfates and Selenates Prof. Dr. E. Kemnitz Humboldt University Germany Diffraction Data on Alloy Phases, Intermetallic Compounds and Multicomponent Oxides Prof. Giora Kimmel

Ben-Gurion University of the Negev

Israel

Production of Reference Powder Patterns of Known and New Compounds

Dr. Sergei D. Kirik Institute of Chemistry Russian Academy of Sciences Russia

XRPD Patterns of Peroxomolybdates

Prof. Wieslaw Lasocha Jagiellonian University

Poland

X-ray Diffraction Patterns of Phosphates, Molybdates and Vanadates

Prof. Dr. Bogdan I. Lazoryak Moscow State University Russia

50 Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Compounds

Prof. Shao-Fan Lin

Nankai University

People's Republic of China

Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

Dr. Daniel Louër

Université de Rennes I France Preparation of Powder X-ray Diffraction Patterns of Organic Compounds Prof. I. Mayer Hebrew University Israel Pyrazine Derivatives and Related Coordination Compounds Dr. Antonia Neels Universität de Neuchatel Switzerland New Compounds with (XO₄)ⁿ⁻ Anions Prof. M. Quarton Université P. et M. Curie France Production of X-ray Diffraction Patterns for Ionic Conductors, Ternary Oxides, Chalcogenide **Semiconductors and Fluoro Complexes** Dr. Klaus-Juergen Range University of Regensburg Germany **Powder Data of Inorganic and Organic Materials** Dr. Matthias Schneider Institut für Angewandte Chemie e.V. Germany Measurement and Interpretation of High-Quality XRPD Patterns Dr. Ekkehart Tillmanns Universität Wien-Geozentrum Austria **Powder Diffraction Patterns of Borates and Vanadates** Prof. M. Touboul Université de Picardie Jules Verne France **Various Oxides** Dr. Martin Troemel Institute für Anorganische Chemie der Johann Wolfgang-Goethe-Universität Germany

Powder Diffraction Patterns for Metal Oxides and their Intercalates

Prof. M. Stanley Whittingham SUNY at Binghamton U.S.A.

Reference Patterns of Technologically-Important Ceramic Materials

Dr. Winnie Wong-Ng

National Institute of Standards & Technology

U.S.A.

Organic Materials

Dr. Alexandr V. Yatsenko

Moscow State University

Russia

Alloys

Prof. Lingmin Zeng

Guangxi University

People's Republic of China

Powder Diffraction Patterns of Adducts

Prof. Jimin Zheng

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People's Republic of China

The Investigation of the New Natural Compounds and Their Derivations

Prof. Qi-Tai Zheng

Chinese Academy of Medical Sciences

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X-ray Powder Diffraction Patterns and Digitized Diffractograms (.PD3) of New Inorganic

Compounds

Dr. Vladimir G. Zubkov Institute of Solid State Chemistry of Sciences Ural Branch of the Russian Academy Russia Grants-in-Aid

1 October 1998 to 30 September 1999

X-ray Diffraction Patterns of Heterocyclic Compounds

Prof. Mikhael Yu Antipin

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X-ray Diffraction Patterns of Complex Oxide Compounds

Prof. Bolslav Dzhurinskii Institute of General and Inorganic Chemistry Russian Academy of Sciences Russia

The Preparation of New Niobate Compounds with Standard X-ray Powder Diffraction Data

Liang Fang Wuhan University of Technology People's Republic of China

Ternary Oxides

Dr. Hartmut Fuess Technische Hochschule Darmstadt

Germany

Metal Hydrogen Sulfates and Selenates

Prof. Dr. E. Kemnitz Institute of Inorganic Chemistry Humboldt University, Berlin Germany

X-ray Diffraction Patterns of Double, Triple Molybdates, Tungstates, and Borates

Dr. Elena Khaikina Laboratory of Oxide Systems Baikal Institute of Nature Management Russia **Production of Reference Powder Patterns of Known and New Compounds** Dr. Sergei D. Kirik Institute of Chemistry and Chemical Technology Russian Academy of Science

Russia

Synthesis and X-ray Diffraction Study of Some New Materials

Prof. Galina M. Kuz'michevaDepartment of Solid State Physics and ChemistryM. V. Lomonosov Academy of Fine Chemical TechnologyRussia

Analysis of Structural Prototypes Used in the Metals and Alloys Database

William E. Mayo
H & M Analytical Services, Inc.
Allentown, New Jersey
U.S.A.
X-ray Powder Diffraction - New Organic Compounds
Dr. Stanislaw Pikus
Department of Crystallography, Institute of Chemistry

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Technically Important Phases from Cements, Organics, Environment, and New Materials

Prof. Dr. Herbert Pöllmann Fachbereich Geowissenschaften Martin-Luther-Universität Halle-Wittenberg Germany

Generation of High Quality XRPD Patterns

Dr. Alexander Shmakov Boreskov Institute of Catalysis Russia

Molecular Synthons for Crystal Engineering

Dr. M. Tremayne School of Chemistry

University of St. Andrews

U. K.

Titanates and Niobates (Tantalates) for Technical Applications

Oleg Ivanovich V'yunov Institute of General and Inorganic Chemistry National Academy of Sciences of the Ukraine Ukraine

Powder Diffracton Patterns for Metal Oxides and their Intercalate

Prof. M. Stanley Whittingham

Institute for Materials Research and Chemistry Department

SUNY at Binghamton

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Powder Diffraction Patterns of the New Binary and Ternary Magnetic Phases

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Inorganic Materials with Unusual Properties

Prof. K. S. Aleksandrov

Institute of Physics

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Russia

Production and Evaluation of High-Quality X-ray Diffraction Powder Patterns for

Pharmaceutically Relevant Substances

Dr. Martina Andratschke

Institut für Anorganische Chemie

University of Regensburg

Germany

X-ray Diffraction Patterns of Inorganic and Organometallic Compounds

Dr. Evgueni Antipov Department of Chemistry Moscow State University Russia

Ternary Alkali-Metal Hydrides, Deuterides and Metal Chalcogenides

Prof. Dr. Welf Bronger Institut für Anorganische Chemie der RWTH Aachen Germany Patterns of Interesting Energetic Material Dr. Walter Engel Fraunhofer-Institut für Chemische Technologie Pfinztal (Berghausen) Germany

Patterns of Molecular Crystals by Conventional and Synchrotron X-ray Diffraction

Dr. Matthias Epple University of Hamburg Germany

High Quality Powder Patterns of Oxide Compounds

Prof. Dr. Walter Eysel Mineralogishe-Petrographisches Institute Universität Heidelberg Germany X-ray Diffraction Pattern of Inorganic Compounds Dr. Sergey A. Ivanov Department of Inorganic Materials Karpov' Institute of Physical Chemistry Russia **Powder Patterns of Intermetallic Compounds** Prof. Dr. Wolfgang Jeitschko Anorganisch-Chemisches Institut der Westfälischen Wilhelms Universität Münster Germany X-ray Powder Diffraction Experimental Patterns with Supporting Calculated Patterns of Various Organic Materials Prof. Zongming Jin Suzhou University People's Republic of China **Multicomponent Oxides and Alloy Phases** Dr. Giora Kimmel Department of Materials Engineering Ben-Gurion University of the Negev Israel Production of Reference Powder Patterns of Known and New Compounds Dr. Sergei D. Kirik Institute of Chemistry and Chemical Technology **Russian Academy of Science** Russia X-ray Powder Diffraction Study of New Nickel (II) Complexes with 0-alkyldithiocarbonates Dr. Dagmar Krausová Department of Inorganic Chemistry Palacký University

Czech Republic

XRPD Patterns of Alkali Metals and Anilinum Molybdates

Prof. Wieslaw Lasocha Department of Crystallography Jagiellonian University (Uniwersytet Jagiellonski) Poland

X-ray Diffraction Patterns of Phosphates and Sulfates

Prof. Dr. Bogdan I. Lazoryak Chemical Department Moscow State University Russia

Pharmaceuticals

Dr. Hsi-Che Lin

Industrial Technology Research Institute

People's Republic of China

50 Powder Patterns with Digitized Data and 3d Atomic Coordinates on Organic Compounds

Prof. Shao-Fan Lin Central Laboratory Nankai University Tianjin

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Oxides, Sulfides, and Copper (11) Complexes

Dr. V. I. Lisoivan

Institute of Inorganic Chemistry

Siberian Branch of the Russian Academy of Sciences

Russia

Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

Dr. Daniel Louër Laboratoire de Chimie dur Solide et Inorganiqe Moléculaire Université de Rennes France X-ray Diffraction Patterns of Organic Compounds Prof. Isaac Mayer Department of Inorganic Chemistry Hebrew Universtiy Israel Powder Data for Tetrahedral Semiconductors and Ternary Lithium Oxides Dr. Wojciech Paszkowicz

Institute of Physics

Polish Academy of Sciences Poland New X-ray Powder Diffraction Patterns of Ternary and Binary Alloy Phases Dr. Vitalii K. Pecharsky L'viv Institute of Theoretical Material Research Ukraine X-ray Powder Diffraction - New Organic Compounds Dr. Stanislaw Pikus Department of Crystallography, Institute of Chemistry University of Maria Curie-Sklowska Poland Synthesis and Characterization of Phases from Cements and Technical Interest Prof. Dr. Herbert Pöllmann Fachbereich Geowissenschaften Martin-Luther-Universität Halle-Wittenberg Germany **Oxides and Fluorides** Prof. M. Quarton Laboratoire de Cristallochimie du Solide Universite P. et M. Curie (Paris VI) France **Powder Data of Inorganic and Organic Materials** Prof. Dr. Matthias Schneider Institute for Angewandte Chemie Germany Reference Pattern Production for Superhard Pressure-Induced Phases of Fullerite C₆₀ Dr. N. R. Serebryanaya Research Center for Superhard Materials of State Commiee of RF for Science and Technology Russia Measurements and Interpretaion of High-Quality SRPD Patterns Prof. Ekkehart Tillmanns Instiitut für Mineralogie und Kristallographie Universität Wien Austria Various Oxides Dr. Martin Troemel

Institut für Anorganische Chemieder

Johann Wolfgang Goethe-Universität

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X-ray Powder Diffraction Data on Inorganic Materials

Prof. Anthony R. West Department of Chemistry University of Aberdeen, Scotland United Kingdom

Powder Diffracton Patterns for Metal Oxides and their Intercalate

Prof. M. Stanley Whittingham Institute for Materials Research and Chemistry Department SUNY at Binghamton U.S.A.

Experimental and Calculated Reference Patterns of Technologically-Important Ceramic

Materials

Dr. Winnie Wong-Ng Ceramics Division National Institute of Standards and Technology U.S.A.

Organic Materials

Dr. Alexandr Yatsenko

Chemistry Department

Moscow State University

Russia

Powder Diffraction Patterns of Alloys

Prof. Lingmin Zeng

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People's Republic of China

Powder Diffraction Patterns of Adducts

Prof. Jimin Zheng

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People's Republic of China

The Investigation of the New Natural Compounds and their Derivations

Prof. Qi-Tai Zheng

Peking Union Medical College

Beijing People's Republic of China

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1 October 1997 to 30 September 1998

X-ray Diffraction Patterns of Organic Compounds

Prof. Mikhael Yu Antipin

Institute of Organoelement Compounds

Russian Academy of Scences

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Microporous Oxide Materials

Prof. Jurgen Felsche

Laboratory of Solid State Chemistry

Universität Konstanz

Germany

Sinthesis, Measurement and Interpretation Complex Oxides Patterns

Prof. Galina M. Kuz'micheva

Department of Solid State Physics and Chemistry

M. V. Lomonosov Academy of Fine Chemical Technology

Russia

X-ray Diffraction Patterns for Alkali and Alkaline-Earth Titano- and Zirconosilicates

Dr. Andrew M. McDonald

Laurentian University

Canada

Measurements of X-ray Powder Patterns for Systems Fe_{1-x}Cu_xCr₂S₄ and La_{1-x}Ca_xMnO₃

Dr. Ravil A. Sadykov

Institute for High Pressure Physics - Analytical Department

Russian Academy of Sciences

Russia

X-ray Powder Diffraction Pattern and Digitized Diffractograms (.PD3) of New Inorganic

Compounds

Dr.Vladimir G. Zubkov Institute of Solid State Chemistry Ural Branch of the Russian Academy of Science Russia Grants-in-Aid

1 April 1997 to 31 March 1998

Inorganic Materials with Unusual Properties

Prof. K.S. Aleksandrov Institute of Physics Russian Academy of Sciences Russia

X-ray Diffraction Patterns of Inorganic and Organometallic Compounds

Dr. Evgueni Antipov Department of Chemistry Moscow State University Russia X-ray Studies of Ni-Ti-Hf and Ni-Ti-Zr Systems Dr. Ian Baker Thayer School of Engineering

Dartmouth College

U.S.A.

New Ternary Metal Hydrides and Alkali-metal Transition Metal Chalcogenides

Prof. Dr. Welf Bronger Institut für Anorganische Chemie der RWTH Aachen Germany High Quality Powder Patterns of Oxide Compounds

Prof. Dr. Walter Eysel Mineralogishe-Petrographisches Institute

Universität Heidelberg

Germany

The Investigation of Crystal Structure of the New Natural Compounds and its Derivations

Prof. Zhengmin Fu Institute of Physics Chinese Academy of Science People's Republic of China

Ternary Oxides of Rare Earth Elements and Rhenium

Dr. Hartmut Fuess

Technische Hochschule Darmstadt

Germany

X-ray Diffraction Patterns of Inorganic Compounds

Dr. Sergey A. Ivanov

Department of Inorganic Materials

Karpov' Institute of Physical Chemistry Russia **Powder Patterns of Intermetallic Compounds** Prof. Dr. Wolfgang Jeitschko Anorganisch-Chemisches Institut der Westfälischen Wilhelms Universität Münster Germany X-ray Powder Diffraction Experimental Patterns with Supporting Calculated Patterns of Various Organic Materials Prof. Zongming Jin Suzhou University People's Republic of China X-ray Powder Diffraction Patterns of Organic Low Dimensional Conductors and Buckyball **Based Complexes and X-ray Diffraction Patterns of Carbamates** Dr. Salavat S. Khasanov Institute of Solid State Physics **Russian Academy of Science** Russia **Diffraction Data of Multicomponent Oxides** Dr. Giora Kimmel Department of Materials Engineering Ben-Gurion University of the Negev Israel Production of Reference Powder Patterns of Known and New Compounds and Production of **Reference Powder Patterns of Compounds from the Approved List** Dr. Sergei D. Kirik Institute of Chemistry and Chemical Technology **Russian Academy of Science** Russia Production of the Reference XRPD Patterns of High Temperature Superconductors and **Related Phases** Dr. Karel Knízek Institute of Physics ASCR **Czech Republic** X-ray Powder Diffraction Study of New Nickel (II) Complexes with o'alkyl-dithiocarbonates Dr. Dagmar Krausová

Department of Inorganic Chemistry

Universita Palackého Olomouc

Czech Republic

XRPD Patterns of Alkali Metals and Anilinum Molybdate

Prof. Wieslaw Lasocha Department of Crystallography Uniwersytet Jagiellonski Poland

X-ray Diffraction Patterns of Phosphates and Sulfates

Dr. Bogdan I. Lazoryak Chemical Department Moscow State University Russia

Characterization of Cuprate Compounds Related to High-Tc Superconductors

Dr. Rukang Li Department of Applied Chemistry University of Science and Technology of China People's Republic of China

New Bismuth Oxides and Oxyhalides

Dr. P. Lightfoot

Department of Chemistry

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United Kingdom

50 Powder Patterns with Digitized Data and 3D Atomic Coordinates on Organic Compounds

Prof. Shao-Fan Lin

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X-ray Diffraction Patterns of Organic Compounds

Dr. Isaac Mayer Department of Inorganic Chemistry Hebrew University

Israel

Power Data for Tetrahedral Semiconductors and Ternary Lithium Oxides

Dr. Wojciech Paszkowicz Institute of Physics, Polish Academy of Sciences Poland New X-ray Powder Diffraction Patterns of Ternary and Binary Alloy Phases Dr. Vitalij J. Pecharsky L'viv Institute of Theoretical Material Research, Iowa U.S.A X-ray Powder Diffraction-New Organic Compounds Dr. Stanislaw Pikus Department of Crystallography, Institute of Chemistry University of Maria Curie-Sklowska Poland X-ray Data of Technical Important Phases of Cements, Binders, Hydration Products and the Influence of Organic and Inorganic Additives and Deterioration by Aggressive Solutions Prof. Dr. Herbert Pöllmann Fachbereich Geowissenschaften Martin-Luther-Universität Halle-Wittenberg Germany Production and Evaluation of High-Quality X-ray Diffraction Powder Patterns of Inorganic and Pharmaceutically Relevant Substances Dr. Klaus-Jürgen Range University of Regensburg Germany Measurement and Interpretation of High-Quality XRPD Patterns Prof. Ekkehart Tillmanns Instiitut für Mineralogie und Kristallographie Universität Wien Austria Various Oxides

Dr. Martin Troemel Institut für Anorganische Chemieder Johann Wolfgang Goethe-Universität Germany

Powder Diffraction Patterns for Metal Oxides and Their Intercalates

Prof. M. Stanley Whittingham

Institute for Materials Research and Chemistry Department

SUNY at Binghamton

U.S.A.

Experimental and Calculated Reference Patterns of Technologically-Important Ceramic

Materials

Dr. Winnie Wong-Ng **Ceramics Division** National Institute of Standards & Technology U.S.A.

Powder Data of Inorganic and Organic Materials

Prof. Dr. Horst Worzala Institute für Angewandte Chemie e.V. Germany **Organic Materials** Dr. Alexandr V. Yatsenko **Chemistry Department** Moscow State University Russia **Powder Diffraction Patterns of Alloys** Prof. Lingmin Zeng Institute of Materials Science Guangxi University People's Republic of China **Grants-in-Aid** 1 April 1996 to 31 March 1997 **Inorganic Materials With Unusual Properties** Prof. K.S. Aleksandrov Institute of Physics **Russian Academy of Sciences** Russia X-ray Diffraction Patterns of Inorganic Compounds

Dr. Evgueni Antipov Department of Chemistry Moscow State University Russia

X-ray Studies of FeCo

Dr. Ian Baker

Thayer School of Engineering Dartmouth College

U.S.A.

Ternary Alkali-Metal Hydrides, Deuterides and Metal Chalcogenides

Prof. Dr. Welf Bronger Institut für Anorganische Chemie der RWTH Aachen Germany

X-ray Powder Diffraction Studies of Four Iron-Zinc Alloy Phases

Dr. Desmond C. Cook Old Dominion University Norfolk, Virginia U.S.A. **Patterns of Interesting Energetic Materials** Dr. Walter Engel Fraunhofer-Institut für Chemische Technologie Pfinztal (Berghausen) Germany

High Quality Powder Patterns of Oxide Compounds

Prof. Dr. Walter Eysel Mineralogishe-Petrographisches Institute Universität Heidelberg Germany

Complex Metal Oxide Phases

Dr. J. Felsche Laboratory of Solid State Chemistry University of Konstanz

Germany

The Investigation of the Crystal Structure of the New Compounds on the Tungstate and

Molybdate System

Prof. Zhengmin Fu

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Chinese Academy of Sciences

People's Republic of China

Powder Data on Phosphates and Related Phases and Powder Data on Ternary and

Quaternary Oxides

Dr. Hartmut Fuess

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Powder Diffraction Data for Some Volatile Complexes

Dr. Sergei A. Gromilov Institute of Inorganic Chemistry Siberian Branch of the Russian Academy of Sciences Russia

X-ray Diffraction Patterns of Inorganic Compounds

Dr. Sergey A. Ivanov Department of Inorganic Materials Karpov' Institute of Physical Chemistry Russia Powder Patterns of Intermetallic Compounds

Prof. Dr. Wolfgang Jeitschko Anorganisch-Chemisches Institut der Westfälischen Wilhelms Universität Münster Germany Experimental and Calculated Reference Patterns of Technologically Important Ceramic Materials

Dr. James A. Kaduk Amoco Research Center Amoco Corporation Naperville, Illinois U.S.A.

X-ray Diffraction Patterns of Carbamates

Dr. Salavat S. Khasanov Institute of Solid State Physics Russian Academy of Science Russia

Diffraction Data of Materials for Laser Crystals

Dr. Giora Kimmel

Department of Materials Engineering

Ben-Gurion University of the Negev

Israel

Production of Reference Powder Patterns of Known and New Compounds and Production of Reference Powder Patterns of Compounds From the Approved List Dr. Sergei D. Kirik

Institute of Chemistry and Chemical Technology

Russian Academy of Science

Russia

X-ray Diffraction Patterns of Phosphates and Vanadates and Materials Selected from the

Approved List

Dr. Bogdan I. Lazoryak Chemical Department Moscow State University

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Characterization of New Layered Cuprates with Structure Related to High-

T_c Superconductors

Dr. Rukang Li

Department of Applied Chemistry

University of Science and Technology of China

People's Republic of China

46 Powder Patterns With Digitized Data and 3d Atomic Coordinates on Organic Compounds

Prof. Shao-Fan Lin

Central Laboratoty

Nankai University

People's Republic of China

Powder Diffraction Patterns of Inorganic Phases with Low Thermal Stability

Dr. Daniel Louër Laboratoire de Chimie dur Solide et Inorganiqe Moléculaire Université de Rennes France Miscellaneous Phases VIII Dr. Josef Macícek CL Mineralogy and Crystallography Bulgarian Academy of Sciences Bulgaria X-ray Diffraction Patterns of Organic Compounds Prof. Isaac Mayer

Department of Inorganic Chemistry Hebrew Universtiy

Israel

Powder Data for Semiconductor Solid Solutions and/or Other Inorganic Substances

Dr. Wojciech Paszkowicz Institute of Physics Polish Academy of Sciences Poland

X-ray Powder Diffraction Patterns of Ternary and Binary Alloy Phases

Dr. Vitalii K. Pecharsky L'viv Institute of Theoretical Material Research Ukraine

Synthesis and Characterization of Phases of Cement Materials and Their Hydration Products Particularly Under the Influence of Different Additives and Aggressive Solutions; Organic Salts as Additives

Salts as Additives

Prof. Dr. Herbert Pöllmann

Fachbereich Geowissenschaften

Martin-Luther-Universität Halle-Wittenberg

Germany

Production of X-ray Diffraction Patterns for Ternary Oxides, Chalcogenide Semiconductors

and Intermetallic Phases

Dr. Klaus-Jürgen Range University of Regensburg Germany Measurement and Interpretation of High Quality XRPD Patterns Prof. Ekkehart Tillmanns

Instiitut für Mineralogie und Kristallographie

Universität Wien

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Various Oxides

Dr. Martin Troemel Institut für Anorganische Chemieder Johann Wolfgang Goethe-Universität Germany

X-ray Powder Diffraction Data on Inorganic Materials

Prof. Anthony R. West University of Aberdeen Department of Chemistry
Aberdeen, Scotland United Kingdom Powder Diffraction Patterns for Metal Oxides and Their Intercalates Prof. M. Stanley Whittingham Institute for Materials Research and Chemistry Department SUNY at Binghamton

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Pattern Producing for BiRESr₂O₆-type Phases (RE=La and Lanthanides) and Pattern-

producing for Bi₃RE₅O₁₂-type Phases (RE=Y, La and Lanthanides)

Dr. Marek Wolcyrz Polish Academy of Sciences

Poland

Powder Data of Inorganic and Organic Materials

Prof. Dr. Horst Worzala Institute für Angewandte Chemie e.V. Germany

The Preparation of New Niobate Compounds with Standard X-ray Powder Diffraction Data

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Organic Materials

Dr. Alexandr V. Yatsenko

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Powder Diffraction Patterns of Superconductors

Prof. Lingmin Zeng Institute of Materials Science Guangxi University People's Republic of China X-ray Powder Diffraction Patterns and Digitized Diffractograms (.PD3) of New Inorganic Compounds

Dr. Vladimir G. Zubkov Institute of Solid State Chemistry Ural Branch of the Russian Academy of Sciences Russia