Report of ICDD Regional (China) Committee

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March 2007

Beijing National Laboratory for Condensed Matter Physics
And Institute of Physics
Chinese Academy of Sciences

9th National Conference on X-ray Diffraction and ICDD Workshop

Organizers:
Commission on powder diffraction, Chinese Society of Crystallography
Commission on X-ray diffraction, Chinese Society of Physics
Department of Engineering and Materials, National Natural Science Foundation of China (NSFC)
International Centre on Diffraction Data (ICDD)

Local organizer
Zhejiang Sci & Tech. University

Oct. 14-17, 2006, Hangzhou, China

• ~330 participants,
• 160 abstracts,
• 5 plenary talks,
• 70 oral talks,
• academic prize for young people

Opening ceremony

plenary talks
~330 participants, 8 plenary reports, booth

Joint meeting of commision on powder diffraction, Chinese Society of Crystallography (CSC) and commission on X-ray diffraction, Chinese Society of physics, Hangzhou, Oct. 15, 2006
ICDD Regional (China) Committee Conference

Oct 16, 2006
Hangzhou, Zhejiang

Excellent paper contribution prize for young scientists

Xiaojun Wang: Synthesis and the structure of KLuP$_2$O$_7$

Wenjun Wang: Effect of growth temperature on the crystalline quality of InN film grown by metal-organic vapor phase epitaxy

Zhenjie Feng: Application of genetic algorithm in whole X-ray powder diffraction pattern fittings

Ning-bo Gong: Identification of Traditional Chinese Medicine Costusoot by X-Ray Diffraction Fourier Fingerprint Pattern Method

Yuping Sun: The structure of KBaB$_5$O$_9$ by Rietveld refinement from X-ray powder diffraction data

Weishi Tan: The effect of Sb-doping in low-temperature-grown Si layer on the strain of top SiGe dummy substrate

Rietveld refinement workshop


Rietveld refinement workshop

Invited lectures in IOP, CAS

Lecture 1:

Superconductivity – Powering the Future
Dr. Winnie Wong-Ng,
Ceramics Division, National Institute of Standards & Technology, USA
Jul. 3, 2006

Invited lectures in IOP, CAS

Lecture 2:

Applications of ICDD PDF-4 in structural analysis
Dr. James A. Kaduk,
Associate Research Scientist, INEOS Tech, USA
(Oct. 24, 2006)

Forthcoming Events (1)

Three task groups
1) task group 1: X-ray Diffraction Seminar
group leader: Prof. Weitao Zheng

2) task group 2: Investigation on National XRD equipments and their applications
group leader: Prof. Lingmin Zeng
members: L.B. Liao, H.W. Ma, X.P. Song, H. Ji, Y.H. Huang, D.S. Xue

Forthcoming Events (2)

Three task groups
3) task group 3: Construction of the website of XRD Analysis Softwares and related informations

group leader: Prof. Hongwei Ma
members: Chong Chen, Xiaolong Chen, Yingxia Wang, Xiaoshan Wu

Forthcoming Events (3)

- Joint meeting of commission on powder diffraction, Chinese Society of Crystallography (CSC) and commission on X-ray diffraction, Chinese Society of physics, at Jing Gang Shan, 2008

- 10th National Conference on X-ray Diffraction in Shanghai, 2009
Thanks!