

**XRD Training for the Pharmaceutical Scientist!**

**The International Centre for Diffraction Data  
is pleased to announce ...**

**The Sixth Pharmaceutical  
Powder X-ray Diffraction Symposium  
Barcelona, Spain  
19–22 February 2007**

**Call for Papers**



# PPXRD-6

19 - 22 February 2007

*Barceló Hotel Sants  
Barcelona, Spain*

## **Organizing Committee**

**Dr. John Faber, Chair**, *International Centre for Diffraction Data, Newtown Square, PA, USA*

**Dr. Detlef Beckers**, *PANalytical, Almelo, The Netherlands*

**Dr. Harry G. Brittain**, *Center for Pharmaceutical Physics, Milford, NJ, USA*

**Dr. Julien Giovannini**, *AstraZeneca, Lund, Sweden*

**Dr. Jun Han**, *Novartis Institutes for Biomedical Research, Inc., Cambridge, MA, USA*

**Dr. Arnt Kern**, *Bruker AXS GmbH, Karlsruhe, Germany*

**Ms. Terry Maguire**, *International Centre for Diffraction Data, Newtown Square, PA, USA*

**Ms. Leah Mooney**, *International Centre for Diffraction Data, Newtown Square, PA, USA*

**Dr. Fangling Needham**, *International Centre for Diffraction Data, Newtown Square, PA, USA*

**Dr. Kenneth Shankland**, *Rutherford Appleton Laboratory, Oxon, U.K.*

**Dr. Peter W. Stephens**, *State University of New York, Stony Brook, NY, USA*

**Dr. Gregory A. Stephenson**, *Eli Lilly and Company, Indianapolis, IN, USA*

**Dr. Raj Suryanarayanan**, *University of Minnesota, Minneapolis, MN, USA*

**Dr. Peter G. Varlashkin**, *GlaxoSmithKline, Durham, NC, USA*

**Dr. Shawn Yin**, *Bristol-Myers Squibb Company, New Brunswick, NJ, USA*

### *Who Should Attend?*

**Pharmaceutical Research and Development  
Scientists and Academia Interested in:**

- Quality control
- Pre-formulation
- Formulation and development
- Pharmaceutical analysis
- Drug delivery
- Regulatory issues
- Patent and intellectual property issues

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### **Accommodations**

Barceló Hotel Sants  
Pl. dels Països Catalans s/n  
08014 Barcelona  
Spain

Tel: +34.93.503 53 00  
Fax: +34.93.490 60 45  
Web: [www.bchoteles.com](http://www.bchoteles.com)  
E-mail: [sants@bchoteles.com](mailto:sants@bchoteles.com)

A block of rooms has been reserved for symposium guests at the Barceló Hotel Sants at a special PPXRD rate of 110 euros for a single room and 120 euros for a double room, plus 7% VAT per room, per night. A complimentary buffet breakfast is included in the room rate. Please mention group name **PPXRD-6** when making your reservations to receive the special room rate.

### **Stay Informed**

Visit [www.icdd.com/ppxrd](http://www.icdd.com/ppxrd) • Phone: +610.325.9814 • Fax: +610.325.9823 • E-mail: [ppxrd@icdd.com](mailto:ppxrd@icdd.com)

# Program

## Optional Hands-on Workshop, 19 February 2007

### Exercises in Quantitative Phase Identification

*Workshop Chair: J. Faber, International Centre for Diffraction Data, Newtown Square, PA, USA, faber@icdd.com*

#### Instructors:

**P. Stephens**, Stony Brook University, Stony Brook, NY, USA

**G. Stephenson**, Eli Lilly & Company, Indianapolis, IN, USA

## Sessions – Chairs and Invited Speakers, 20 – 22 February 2007

### X-rays in Drug Research & Discovery

*Chair: S. Yin, Bristol-Myers Squibb, New Brunswick, NJ, USA, shawn.yin@bms.com*

#### Title to be announced

**M. Vemuri**, Aventis Pharmaceuticals, Bridgewater, NJ, USA

### Patent and Regulatory Issues

*Chair: P. Varlashkin, GlaxoSmithKline, Durham, NC, USA, peter.g.varlashkin@gsk.com*

#### Trends in Solid Form Patents: Cocrystal IP Opportunities and Challenges

**E. Barash**, SSCI, Inc., West Lafayette, IN, USA

### Process Analytical Technology

*Chair: D. Beckers, PANalytical, Almelo, The Netherlands*

#### The Role of PXRD in PAT—Possibilities and Limitations

**S. Yin**, Bristol-Myers Squibb, New Brunswick, NJ, USA

### Formulation, Product Development, Drug Delivery and Polymorph and Salt Screening

*Chair: G. Stephenson, Eli Lilly & Company, Indianapolis, IN, USA, stephenson\_gregory\_a@lilly.com*

#### Practical Implications of Solid State Attributes During Product Discovery and Development

**S. Venkatesh**, Bausch & Lomb, Rochester, NY, USA

### Studies Using High Intensity Synchrotron Radiation

*Chair: P. Stephens, Stony Brook University, Stony Brook, NY, USA, pstephens@sunysb.edu*

#### Title to be announced

**P. Stephens**, Stony Brook University, Stony Brook, NY, USA

### XRPD Structural Techniques (Acquisition and Use of XRPD Data, Indexing, Structure Determination, and Rietveld Refinement)

*Chair: A. Kern, Bruker AXS GmbH, Karlsruhe, Germany, arnt.kern@bruker-axs.de*

#### Title to be announced

**D. Clénet**, Sanofi-Aventis, Vitry, France

### Complementary Techniques (DSC, TGA, Hot Stage Microscopy, FTIR, Raman, NMR, SEM, AFM, Light Microscopy, XRF, SAXS and SANS)

*Chair: R. Suryanarayanan, University of Minnesota, College of Pharmacy, Minneapolis, MN, USA, surya001@tc.umn.edu*

#### Simultaneous Diffraction and Spectroscopy as a Tool for Drug Solid Form Discovery

**A. Kern**, Bruker AXS GmbH, Karlsruhe, Germany

### New Frontiers for XRD in Pharmaceutical R&D

*Chair: J. Han, Novartis Institutes for Biomedical Research, Inc., Cambridge, MA, USA, jun.han@pharma.novartis.com*

#### Characterization of intact pharmaceutical film-coated tablets by microdiffractometry

**H. Yamada**, Mitsubishi Pharma Co., Ibaraki, Japan

## Poster Session ☆ 20 February 2007

An evening reception and poster session will be held at the Barceló Hotel Sants. See guidelines for submission of abstracts for information on submitting a poster.

# *PPXRD-6*

## *Call for Papers*

***Submission of Abstracts Deadline:  
15 November 2006***

Contributed papers are solicited for the sessions listed in the preliminary program or any general related topics. Papers may be scheduled for presentation in the evening poster session; those of more general interest will be placed in oral sessions. Please refer to the guidelines in this brochure for preparing abstracts.

## ***Exhibition***

### ***20-21 February 2007***

Concurrent with the symposium and evening poster session and reception will be a commercial exhibition of analytical instrumentation and related products and services. Exhibitors are invited to inquire about exhibit reservations and sponsorship opportunities.

## ***Sponsorships***

Opportunities for even greater exposure at PPXRD are available through sponsorships of an evening reception/poster session and daily coffee breaks. Sponsors of the evening reception/poster session will receive first choice of exhibit location; banner advertisement with a link on the PPXRD web page; full-page, double-sided advertisement space in the **Book of Abstracts**; and a link to the sponsor's web site in our e-mail marketing campaign. Please contact the ICDD for further information regarding exhibiting and sponsorship opportunities.

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### **ICDD Educational Events**

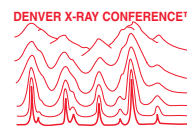
#### **ICDD X-ray Clinics**

**Practical X-ray Fluorescence:** 30 April – 4 May 2007

**Fundamentals of X-ray Powder Diffraction:** 4 – 8 June 2007

**Advanced Methods in X-ray Powder Diffraction:** 11 – 15 June 2007

Visit [www.icdd.com/education](http://www.icdd.com/education) for more information.



#### **Denver X-ray Conference**

**30 July – 3 August 2007**

Visit [www.dxcicdd.com](http://www.dxcicdd.com) for more information.

# Guidelines for Preparing Abstracts

Abstracts will be printed in the Symposium Book of Abstracts and will also be posted on the ICDD web site. If you do not want your abstract posted on the web site, please note your request when submitting your abstract. Abstracts must not exceed one page in length and must include the title, author(s), affiliation(s), and the text. To provide uniformity, it is recommended that abstracts be prepared according to the following guidelines.

## Abstract Format

- ◆ **Paper Size:** 8.5 x 11 inches; A4 paper must be formatted for 8.5 x 11 inches
- ◆ **Size:** Entire abstract, including title, author(s), affiliation(s), and text, must fit into a maximum area of 15 cm (5.9") wide by 20 cm (7.9") high. Please allow a top margin of 3.8 cm (1.5") and 2.54 cm (1") margins on all other sides
- ◆ **Font:** Times or Times New Roman, 12 point
- ◆ **Title:** bold, centered, all uppercase (except where lowercase letters are needed for clarity)
- ◆ **Leave** one blank line between the title and the author(s)
- ◆ **Author(s) and affiliation(s):** mixed upper and lowercase, centered; if there is more than one author, underline the presenting author's name
- ◆ **Leave** two blank lines before beginning text
- ◆ **Text:**
  - ▼ Text should appear flush left; do not indent
  - ▼ Use line spacing sufficiently large enough to allow the abstract to be read easily, including subscripts, superscripts and Greek letters
  - ▼ A blank line is recommended (space permitting) between new paragraphs

**Deadline for receipt of abstracts  
15 November 2006**

## Confirmation

Receipt of abstracts sent by e-mail will be confirmed by e-mail. If you do not receive your confirmation within 2 weeks of your submission, please contact:

Leah Mooney, Education Coordinator  
[mooney@icdd.com](mailto:mooney@icdd.com)  
phone: +610.325.9814

## Submission

Abstracts may be submitted on the web or by e-mail. Web submission is the preferred method.

1. **Web:** See [www.icdd.com/ppxrd](http://www.icdd.com/ppxrd) for detailed web submission instructions.
2. **E-mail:** Send as an attached Adobe® PDF (preferred format) or Microsoft® Word (97 through 2003). Pictures and graphs are acceptable but file size should not exceed 1 MB. Send attached files to: [ppxrd@icdd.com](mailto:ppxrd@icdd.com).

### Please note:

If submitting a Microsoft® Word file, please minimize the use of special characters, tables, mathematical formulae and figures. If special symbols or Greek letters are used, please limit the fonts to those that are available with the standard distribution of Microsoft® Word. Nonstandard fonts may lead to errors in transmission. All graphics must be embedded in the Word document. **Because they do not reproduce well, abstracts submitted by facsimile will not be accepted.**

Authors who submit their abstracts by e-mail must submit a separate page with the following information:

- ◆ Permission to post on the ICDD web site
- ◆ Speaker's name, mailing address, phone number, fax number, and e-mail address
- ◆ If the speaker is not the person to whom correspondence should be sent, please include contact person's name, mailing address, phone number, fax number, and e-mail address.
- ◆ Indicate your preferences:
  - suggested session where paper may be best suited
  - oral presentation or poster
- ◆ If your submission is invited, please indicate that your abstract is invited along with the session title where your talk will be presented

The Organizing Committee will select papers, and notify authors of acceptance and mode of presentation.

# 2007 PPXRD-6 Symposium Registration Form

Early Registration fees are only applicable if registration form and payment are received by **15 November 2006**.

	<u>Early Registration</u>	<u>Registration</u>
<input type="checkbox"/> Full program, workshop & symposium: 19-22 February	\$1,199 USD	\$1,500 USD
<input type="checkbox"/> Symposium only: 20-22 February	\$ 899 USD	\$1,200 USD
<input type="checkbox"/> Full program—student fee	\$ 499 USD	\$ 499 USD
<input type="checkbox"/> Symposium only—student fee	\$ 299 USD	\$ 299 USD

Contact Leah Mooney @ +610.325.9814 for discounts on groups of 5 or more.

## The easiest way to register:



**Online at:**

[www.icdd.com/ppxrd](http://www.icdd.com/ppxrd)



**Fax to:**

+ 610.325.9823



**Mail to:**

ICDD, Attn: Leah Mooney  
12 Campus Boulevard  
Newtown Square, PA 19073-3273, USA

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Preferred Badge Name (if different) \_\_\_\_\_

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## ***Cancellation Policy***

A 50% refund will be issued if the cancellation is received by the ICDD in writing no later than 15 January 2007.

No refunds will be issued for cancellations received after that date; however, with advance notice, you may transfer your registration to a colleague.

**PPXRD-6**

