2004-5 Educational Events
Clinics, DXC, PPXRD, Workshops

Financial Report
1 March 2005
X-ray Clinics

2004 in Review
2004 ICDD X-ray Clinics

**XRF Clinic**
*Practical XRF*: April 26 – 30, 14 Attendees

**XRD Clinic**
*Fundamentals*: June 7-11, 44 Attendees
*Advanced Methods*: June 14-18, 26 Attendees
Reduced Registrations

• Deane K. Smith & Ron Jenkins Tuition Waivers:
  - **XRF:** *Weijin Guo*
    North Carolina University
  - **XRD-1:** *Romulo Simeos Angelica*
    Federal University of Para, Brazil
    *Jesse Spencer*
    Valdosta State University, GA
  - **XRD-2:** *Romulo Simeos Angelica*
    Federal University of Para, Brazil
    *Thomas Kubic*
    John Jay College of Criminal Justice, NY

• Half-price Discounts:
  - **XRF:** Bruker AXS (2)
  - **XRD-1:** PANalytical (2)
Historical Clinic Attendance

2004
XRD-1 tied for highest attendance record
## Historical Look at Clinic Attendance

<table>
<thead>
<tr>
<th>Year</th>
<th>XRD I</th>
<th>XRD II</th>
<th>XRF I</th>
<th>XRF II</th>
<th>Total</th>
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<tr>
<td>2004</td>
<td>44</td>
<td>26</td>
<td>14</td>
<td>combo</td>
<td>84</td>
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<td>2003</td>
<td>19</td>
<td>13</td>
<td>18</td>
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<td>1999</td>
<td>41</td>
<td>20</td>
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<td>74</td>
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<td>1996</td>
<td>36</td>
<td>19</td>
<td>22</td>
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<td>77</td>
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<tr>
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<td>11</td>
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<td>1992</td>
<td>25</td>
<td>27</td>
<td>22</td>
<td>13</td>
<td>87</td>
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<tr>
<td>1991</td>
<td>38</td>
<td>15</td>
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<td><strong>TOTALS</strong></td>
<td><strong>386</strong></td>
<td><strong>239</strong></td>
<td><strong>187</strong></td>
<td><strong>100</strong></td>
<td><strong>912</strong></td>
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53rd Annual Denver X-ray Conference
Sheraton Steamboat Resort, Steamboat Springs
August 2-6, 2004
300 Registrations:
- 20% from outside of the U.S.A.
- represented 21 different countries

50 Exhibit Booths Sold
- over 200 exhibit staff
- representatives from 41 companies
# Attendance Profile

*21 different countries represented*

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<tr>
<th>Argentina</th>
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<td>Hungary</td>
<td>USA</td>
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<tr>
<td>India</td>
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Pharmaceutical Powder X-ray Diffraction Symposium

21 - 24 February 2005
Barceló Hotel Sants, Barcelona, Spain
Organizing Committee

- **John Faber**, Chairman, ICDD, PA
- **Detlef Beckers**, PANalytical, The Netherlands
- **Harry Brittain**, Centre for Pharmaceutical Physics, NJ
- **Julien Giovannini**, AstraZeneca, Sweden
- **Jun Han**, Abbott Laboratories, IL
- **Arnt Kern**, Bruker-AXS GmbH, Germany
- **Daniel Louër**, Universite de Rennes I, France
- **Fangling Needham**, ICDD, PA
- **Jordi Rius**, University of Barcelona, Spain
- **Peter Stephens**, SUNY- Stony Brook, NY
- **Greg Stephenson**, Eli Lilly, IN
- **Peter Varlashkin**, GlaxoSmithKline, NC
- **Raj Suryanarayanan**, University of Minnesota, MN
- **Shawn Yin**, Bristol-Myers Squibb, NJ
Format

One-day Workshop
— Indexing Powder Patterns —
&
— Rietveld Structural Refinement —

2.5 Days of Sessions

• Formulation, Product Development, Drug Delivery, and Polymorph & Salt Screening
• X-rays in Drug Research
• XRPD Structural Techniques
• Complementary Techniques
• Regulatory & Patent Issues
Stats

• Attendees: 62 representing 20 countries
  – 41 attended symposium only
  – 21 attended symposium + workshop
  – 9 no charge (invited speakers)
  – 8 student registrations

• Exhibits: 6    Exhibitors: 1 (not attending symposium)

• Sponsorships: 2
Countries Represented by Participants

- Austria 1
- Belgium 2
- Czech Republic 1
- Denmark 1
- France 5
- Germany 2
- Iceland 1
- India 2
- Israel 1
- Italy 3
- Korea 1
- The Netherlands 5
- Nigeria 1
- Republic of China, Taiwan 1
- Russia 1
- Spain 8
- Sweden 2
- Switzerland 1
- United Kingdom 10
- USA 13
Manufacturers’ Participation

- Tabletop Exhibits: 6
- Exhibiting Companies: 5
- Dedicated exhibit session on Monday evening, along with the Poster Session & ICDD-sponsored reception
- PANalytical & XOS sponsored coffee breaks
Future PPXRDs

• February 2006
  Philadelphia / New Jersey corridor
• February 2007
  Barcelona, Spain?
Workshops

2004 in Review
On-site Clinics

- Three proposals sent:
  - An XRF course at North Anna Power Station/Dominion, Mineral, Virginia
  - An XRD course at Galson Laboratories, Syracuse, NY
  - An XRF Course at Procter and Gamble, Blue Ash, Ohio

- North Anna Power Station/Dominion accepted our proposal
  - XRF course held 11-13 May 2004, 4 participants
  - John Anzelmo, program director for our XRF Clinics, was the instructor
  - course evaluations were very positive; financially, the course was successful as well
PANalytical Pharmaceutical Seminar

The CS department responded to PANalytical’s need to conduct a Pharmaceutical Seminar in the Philadelphia area

– held 21 April 2004, ICDD Headquarters
– attended by approximately 20 PANalytical customers
– Talks given by John Faber & Tim Fawcett
– PANalytical paid all of our out-of-pocket costs

FYI…Plans are underway to host another seminar in April or May of 2005
Invited Speakers

- **Eyal Barash**, *Finnegan, Henderson, Farabow, Garrett, & Dunner, Washington, D.C.*
- **René Céolin**, *Univ. Rennes Descartes, Paris, France*
- **Trevor Cook**, *Bird & Bird, London, UK*
- **Bill David**, *Rutherford Appleton Lab., Oxon, UK*
- **Christian Lehmann**, *Max-Planck Inst., Germany*
- **Franck Leveiller**, *AstraZeneca, Lund, Sweden*
- **Daniel Louër**, *Univ. de Rennes I, Paris, France*
- **Ken Shankland**, *Rutherford Appleton Lab., Oxon, UK*
- **Steve Norval**, *ICI Measurement Science Group, Redcar, UK*