

SIG8

Reported Period: May 2010 - May 2011

Report Date: June 1st, 2011

Reported by: Paolo Scardi and Udo Welzel

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1. Introduction. (50 words max.)

SIG8 is a special SIG of ECA, in that its composition is identical, ex officio, with that of the EPDIC Committee. The main activity is related to the organization of the major European congress on powder diffraction.

2. SIG web site:

SIG8 <http://www.mf.mpg.de/de/abteilungen/mittemeijer/epdic/index.htm>

3. Number of ECA individual members registered with the SIG according to **(<http://www.xray.cz/eca/im-payment.htm>)**

SIG8 Powder Diffraction 110

4. Existence of a SIG mailing list X Yes / No

Address of the mailing list:

r.cernik@manchester.ac.uk
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Fitch@esrf.fr
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rafaja@ww.tu-freiberg.de
pierre.bordet@grenoble.cnrs.fr
jenserik@chem.au.dk

Number of members in the SIG mailing list :

Besides the list of emails provided above, which is the list of the addresses of the members of the committee, what we might consider in a broad sense the "SIG mailing list", is the list of participants to EPDICs. This list has a varying composition and number of members, around 400 people

5. Approximate total number of researchers involved in the SIG (please indicate the basis for the estimate)

Considering typical numbers of participants in EPDIC events, the appropriate figure could be 350-400.

6. List of MS organized by the SIG at the last ECM

Last ECM (26) was a special case as it was a Joint Event EPDIC12-ECM26. There was one day of overlapping between the scientific program of the two events. This kind of organization was considered unanimously a success, to be repeated in the future.

Concerning involvement in the program of ECM26, SIG8 proposed one keynote talk (Kamiyama) and organized two MS, plus two more in collaboration with other SIGs

7. Prizes sponsored/coordinated

The EPDIC Committee-SIG8 awards two prizes.

The **EPDIC Award for Young Scientists** is assigned at each EPDIC Conference and honours outstanding scientific achievement by young scientists in the field of powder diffraction. The award winner is invited to present a plenary talk at the next European Powder Diffraction Conference.

The **EPDIC Award for Distinguished Powder Diffractionists** was assigned for the first time during the EPDIC-11 Conference for outstanding results and/or continued, important contributions to the field of powder diffraction. The award winner is invited to present a plenary talk at the next European Powder Diffraction Conference.

EPDIC awards are delivered at EPDIC events, every two years: last time was August 2010 in Darmstadt (Joint EPDIC12-ECM26).

8. Past Activities other than Microsymposia at ECM

For Each Activity

Title: EPDIC-12

Number of Participants: 350

Level of involvement of SIG in the activity:

ECA Individual Members registered with the SIG involved in the organizing committee

ECA Individual Members registered with the SIG involved as lecturers

endorsed (SIG logo on the web page/leaflets)

Sponsored by ECA?

Yes/ No

Other Sponsors/Organizers: private companies, IUCr, ICDD, other national (German) organizations

Short Description: (50 words max.) EPDIC12-ECM26 joint meeting is the first, very successful joint event that finally brought together two large communities of scientists working in close, overlapping areas. The partly joint (one day overlapping) program was a success.

9. Future/Programmed Activities.

For Each Activity

Title: EPDIC13

Number of Participants: ca 400

Level of involvement of SIG in the activity:

ECA Individual members registered with the SIG involved in the organizing committee

ECA Individual members registered with the SIG involved as lecturers

endorsed (SIG logo on the web page/leaflets)

Sponsored by ECA?

Yes/ No

Other Sponsors/Organizers: same as above

Short Description: (25 words max.) Next EPDIC (13) to be held in Grenoble from 28 to 31 October 2012.

Title: EPDIC14

Number of Participants: ca 400

Level of involvement of SIG in the activity:

ECA Individual members registered with the SIG involved in the organizing committee

ECA Individual members registered with the SIG involved as lecturers

endorsed (SIG logo on the web page/leaflets)

Sponsored by ECA?

Yes/ No

Other Sponsors/Organizers: same as above

Short Description: (25 words max.) Next after next EPDIC (14) will be in Denmark on 2014.

Details to be decided in the next months.

10. Other matters. (50 words max.)

11. Brief annual activity report (100 words max.)

The main activity of SIG8 - EPDIC Committee is running the EPDIC organization. This is an ongoing task, as EPDICs take place every two years, and require a rather complex organization with rules and procedures (see the web site).

A further, important activity, as for other SIGs, is to propose and organize sessions at ECMs, related to Powder Diffraction. Last year this happened within the frame of a joint EPDIC12-ECM26 event.

We strongly recommend this joint event to happen again in future, and we propose this to be on 2016. I hope ECA will like to consider this request and contact the SIG8 in due advance.

SIG-8 - EPDIC also keep relationships with other institutions. It is the case, in particular, of the ICDD (International Center for Diffraction Data), a not-for-profit organization based in the USA.

12. List SIG officers, name and e-mail, and specify their main function in the SIG:

- **N Audebrand**, Rennes, France
- **P Bordet**, Grenoble, France
- **RJ Cernik**, SRS, Daresbury, UK - Vice-Chairman
- **R Cerný**, Genève, Switzerland
- **WIF David**, ISIS, Oxon, UK
- **AN Fitch**, ESRF, Grenoble, France
- **H Fuess**, Darmstadt, Germany
- **A Guagliardi**, Bari, Italy
- **T Gustafsson**, Uppsala, Sweden
- **SA Ivanov**, Moscow, Russia
- **JE Jørgensen**, Aarhus, Denmark
- **A Kern**, Bruker AXS, Karlsruhe, Germany
- **R Kuzel**, Prague, Czech Republic
- **C Lengauer**, Vienna, Austria
- **I Margiolaki**, Grenoble, France
- **A Meden**, Ljubljana, Slovenia
- **B Palosz**, UNIPRESS, Warsaw, Poland
- **D Rafaja**, Freiberg, Germany
- **J Rius**, Barcelona, España
- **P Scardi**, Trento, Italy - Chairman
- **M Fransen**, PANalytical, Almelo, The Netherlands
- **U Welzel**, Stuttgart, Germany - Vice-Chairman

Supplementary Materials.

(List of all supplementary materials, if any, related to the SIG report)

- Addendum 1 to n (to be sent in separate files)