

SIG8 – Powder Diffraction

Reported Period: 2021 – July 2022

Report Date: 25th July 2022

Reported by: Paolo Scardi, Jasminka Popovic

1. Introduction. (50 words max.)

The main event, EPDIC17 at Šibenik, Croatia, finally took place (May 31 – June 3 2022), and the composition of the SIG was updated. SIG8 collaborated in the organization of ECM33. Next EPDIC, number 18, will be in Padua (I) in 2024, as joint event with ECM34

2. SIG web site:

<http://epdic.ing.unitn.it/>

3. Number of ECA individual members registered with the SIG according to
(<https://ecanews.org/>)

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4. Existence of a SIG mailing list: Yes

Address of the mailing list: Available from the EPDIC organizers

Number of members in the SIG mailing list: ca 400

SIG08 is mainly active within the EPDIC scientific committee, currently composed of 24 active members, whose skills cover most of the cultural fields of the sector and represent geographically almost the entire continent. The information is available on the SIG (and EPDIC) website. The composition of the EPDIC committee/SIG08 has been changed at the meeting held during the EPDIC17 at Šibenik: see last point for the updates list of members. A new vice-chair /secretary has been appointed, Dr Jasminka Popovic, former member of the committee and chief organizer of EPDIC17.

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

400, based on average participation in past EPDIC conferences.

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

See previous reports

7. Prizes sponsored/coordinated

SIG08 assigns two awards, respectively for Young Scientists and for Distinguished Powder Diffractionist. The list of winners is available here: http://epdic.ing.unitn.it/html/epdic_awards.html.

Last awards were delivered at Šibenik, Croatia, during EPDIC17 (May 31 – June 3 2022). Next awards are to be assigned and will be delivered at next EPDIC, in Padua in 2024.

8. Past Activities other than Microsymposia at ECM

Title: EPDIC-17, Šibenik, Croatia, (May 31 – June 3 2022),
with satellite meetings (ICDD and Bruker-TOPAS)

Number of Participants: ~350

See also previous reports

9. Future/Programmed Activities

Title: **EPDIC18, Padua, Italy (planned at the end of August 2024)**

Number of Participants: ~400

Level of involvement of SIG in the activity:

All scientific activities are proposed and approved by the SIG

Sponsored by ECA? Most likely yes, as next EPDIC will be organized as a joint event with next ECM34

Other Sponsors/Organizers: Bruker, Panalytical, Rigaku, Dectris, ICDD among the many

Short Description: (25 words max.)

EPDIC is the main event organized every two years by the joint SIG8-EPDIC committee. SIG08 will continue supporting ECMs.

10. Other matters. (50 words max.)

SIG-8 has been asked to endorse the meeting: “International School on Advanced Porous Materials”
Como (Italy), June 2021.

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

The activity, slowly resumed after the long hiatus caused by the pandemic, culminated in EPDIC17, which was very successful in participation and high-quality scientific presentations. We are also pleased to communicate the intention to organize EPDIC and ECM together in 2024, in Padua. EPDIC18 will presumably take place immediately after ECM34, sharing various scientific and organizational aspects. R. Rizzi, new member of the committee, will take charge of the local organization. The sponsors enthusiastically approve this initiative of a joint event.

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

Committee Member	City/Country	Email
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