

SIG3

Reported Period: 2009-2010

Report Date: 4 May 2010

Reported by: Sander van Smaalen (Chair) and Michal Dusek (Secretary)

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1. Introduction. (50 words max.)

The activities of SIG#3 concentrate on conferences and workshops as well as on the maintenance of a WEB site on Aperiodic Crystals.

2. SIG web site:

SIG3 <http://sig3.ecanews.org/>

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

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4. Existence of a SIG mailing list Yes / No

Address of the mailing list: none

Number of members in the SIG mailing list : 18

SIG3 mailing list is under construction. Currently we have 18 registered people interested in **one way** communication, i.e. from SIG3 to the members.

5. Approximate total number of researchers involved in the SIG (please indicate the basis for the estimate) 50 (estimate based on the attendance of MS organized by SIG3, the interest in giving lectures in those MS and similar measures.)

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

FA4 - MS 1: Organic and Inorganic Modulated Crystal Structures. Chair: Andreas Schönleber; Co-chair: Bertrand Toudic.

7. Prizes sponsored/coordinated

During ECM25 in Istanbul, Dr. Lukáš Palatinus was awarded the second Erwin Felix Lewy Bertaut Prize of the European Crystallographic and Neutron Scattering Associations (ECA-ENSA), for his contributions in the field of aperiodic crystallography.

8. Past Activities other than Microsymposia at ECM

Title: pre-meeting workshop at the ACA annual meeting 2009 on JANA - Incommensurate Crystal Structures (Toronto, 24-25 July 2009).

Number of Participants: 40.

Level of involvement of SIG in the activity:

ECA Individual Members registered with the SIG involved as lecturers and in preparation of the program.

Not sponsored by ECA.

Sponsors/Organizers: Jim Kaduk and Olivier Gourdon for the American Crystallographic Association.

Short Description: Course on superspace crystallography.

Title: International Conference on Aperiodic Crystals Aperiodic'09 (Liverpool, 13–18 September 2009).

Number of Participants: 110.

Level of involvement of SIG in the activity:

ECA Individual Members registered with the SIG involved as lecturers.

Not sponsored by ECA.

Sponsors/Organizers: Commission on Aperiodic crystals of the IUCr.

Short Description: Triannual meeting covering all aspects of aperiodic crystals.

Title: 1st, 2nd and 3rd Ad Hoc workshop on Jana2006.

Number of Participants: 30 (together).

Level of involvement of SIG in the activity:

ECA Individual Members registered with the SIG organised the workshops and did the lectures and teaching.

Not sponsored by ECA.

Sponsors/Organizers: Institute of Physics, Prague.

Short Description: Small workshops organized on various topics about Jana2006. Participants select the topics through jana.fzu.cz and workshops are organized continuously.

Title: workshop at the Colloquium of CSCS on JANA - Incommensurate Crystal Structures (Hluboká nad Vltavou, 22-25 June 2009).

Number of Participants: 17.

Level of involvement of SIG in the activity:

ECA Individual Members registered with the SIG did the lectures and teaching.

Not sponsored by ECA.

Sponsors/Organizers: CSCA – Czech and Slovak Crystallographic Association

Short Description: Course on superspace crystallography.

9. Future/Programmed Activities.

Title: European Crystallographic Meeting ECM 26 (Darmstadt, Bayreuth, August 2010)

Number of Participants: unknown.

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

Short Description: Several microsymbosia and keynote lectures will be organised on topics related to aperiodic crystals.

Title: International school on aperiodic crystals (Valérane- Carqueiranne, France, September 2010).

Number of Participants: 50 maximum.

Level of involvement of SIG in the activity:

Local organisation by ECA Individual member registered with SIG#3.

ECA Individual members registered with the SIG involved as lecturer

Not sponsored by ECA.

Sponsors/Organizers: IUCr, SNRS, SIMAP, Université Joseph Fourier, Oxford University Press.

Short Description: Course on superspace crystallography.

Title: 7th Workshop on Structural Analysis of Aperiodic Crystals (Bayreuth, Germany, March 2011).

Number of Participants: 25 maximum.

Level of involvement of SIG in the activity:

Local organisation by ECA Individual member registered with SIG3.

ECA Individual members registered with the SIG involved as lecturer

Not sponsored by ECA.

Sponsors/Organizers: German Crystallographic Association (DGK); Laboratory of Crystallography of the University of Bayreuth, Germany.

Short Description: Course on superspace crystallography.

Title: Ad Hoc workshops on Jana (max five workshops during the next year, Prague)

Number of Participants: 25-50.

Level of involvement of SIG in the activity:

ECA Individual members registered with the SIG involved as organizers, lecturers and teachers

Not sponsored by ECA.

Sponsors/Organizers: Institute of Physics, Prague.

Short Description: Small workshops organized on various topics about Jana2006. Participants select the topics through jana.fzu.cz and workshops are organized continuously.

10. Other matters. (50 words max.)

The web page of SIG#3 at <http://sig3.ecanews.org/> is maintained by Michal Dusek. It contains information on conferences, computer programs, research groups on aperiodic crystals and publications dealing with aperiodic crystals with weekly updates.

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

Activities of SIG#3 were focused on workshops and conferences. Most notably is the involvement of members of SIG#3 in the triannual conference Aperiodic'09 and in a workshop on aperiodic crystals at the 2009 annual meeting of the American Crystallographic Association. SIG#3 members also organized Ad Hoc workshops on Jana, a new format of very flexible small workshops organized continuously based on the interest of participants.

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

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Supplementary Materials.

None.