SIG No:

Reported Period: 2014-2015
Report Date: 21/07/2015
Reported by: Harry Powell

1. Introduction. (50 words max.)

We are organising a Workshop for younger developers immediately before ECM29 in Rovinj. We are planning to hold an introductory workshop along similar lines prior to ECM30 (Basel).

2. SIG website:

SIG 9 url: http://sig9.ecanews.org/

3. Number of ECA individual members registered with the SIG according to

(http://www.xray.cz/eca/im-paymenthtm)

SIG 9 ecacomsig 232

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

No (an informal list is kept by

HRP; a list is held on IUCr web server but does not seem to elicit any replies)

Address of the mailing list:

Number of members in the SIG mailing list: 103

5. Approximate total number of researchers involved in the SIG (please indicate the basis for the estimate) ~300 (based on the mailing list and knowledge that most researchers in this field are not on the list).

6. List of MS organized by the SIG at the last ECM (as for 2014 report)

MS 29: Getting more from your electron density (joint with SIG7)

MS 30: Beyond harmonic treatment

MS 31: Photocrystallography

+ keynote speakers:

KN5: Zbigniew Dauter, National Cancer Institute, Argonne National Laboratory, Argonne, IL 60439, USA. "The Brain as a Validation Tool"

KN9: Lukas Palatinus, *Institute of Physics of the AS CR, Na Slovance 2, 18221 Prague, Czechia*" Charge flipping & Co.: dual space algorithms in crystallography".

+ Software Fayre

7. Prizes sponsored/coordinated

Poster prize sponsored by OlexSys - first awarded at ECM28

8. Past Activities other than Microsymposia at ECM

none this year

For Each Activity

Title:

Number of Participants:

Level of involvement of SIG in the activity:

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

O ECA Individual Members registered with the SIG involved as lecturers

O endorsed (SIG logo on the web page/leaflets)

Sponsored by ECA?

OYes/ONo

Other Sponsors/Organizers:

Short Description: (50 words max.)

9. Future/Programmed Activities.

For Each Activity

Title: Software Fayre at ECM29. Number of Participants: unknown.

Level of involvement of SIG in the activity:

O ECA Individual members registered with the SIG involved in the organizing committee 1

O ECA Individual members registered with the SIG involved as lecturers unknown

O endorsed (SIG logo on the web page/leaflets) no

Sponsored by ECA?

O Yes/ O No no

Other Sponsors/Organizers: no

Short Description: (25 words max.)

Interactive lectures based on use of different software packages.

Title: Advanced Software Development for Crystallographers Workshop (prior to ECM29)

Number of Participants: 33 registered (21/07/2015)

Level of involvement of SIG in the activity:

O ECA Individual members registered with the SIG involved in the organizing committee 2

O ECA Individual members registered with the SIG involved as lecturers ~5

O endorsed (SIG logo on the web page/leaflets) yes

Sponsored by ECA?

O Yes/ O No no

Other Sponsors/Organizers: CCP4, Dectris, Agilent, Bruker

Short Description: (25 words max.)

An opportunity for younger crystallographic developers (across powder, small molecule and protein crystallography) to meet and discuss their individual software developments and techniques.

10. Other matters. (50 words max.)

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

Very little.

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

Chairman - Harry Powell, harry@mrc-lmb.cam.ac.uk or hrp1000@cam.ac.uk

Deputy Chairman - Martin Lutz, m.lutz@uu.nl

Secretary - Andrea Thorn, andrea.thorn@WEB.DE

Committee: Laura Roces, laura.uniovi@gmail.com

Garib Murshudov, garib@mrc-lmb.cam.ac.uk Rocco Caliandro rocco.caliandro@ic.cnr.it

Supplementary Materials.

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

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