



**SIG No: GIG1 – Young Crystallographers**

**Reported Period: 2011-2012**

**Report Date: 17th May 2012**

**Reported by: Susanne Coles, Laura Roces, Alexander Van Driessche, Peter Wood**

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**1. Introduction.** (50 words max.)

The purpose of GIG1 is to represent the interests, needs and concerns of European Young Crystallographers. During the last year GIG1 has focused on incorporating the YCs into the ECA community and promote activities at scientific, organizational and social levels.

**2. SIG web site:**

GIG1 url: <http://gig1.ecanews.org/>

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

(<http://www.xray.cz/eca/im-payment.htm>)

GIG1                      Young Crystallographers                      number was not retrievable via above url

**4. Existence of a SIG mailing list X No** (although we can reach members through facebook)

**Address of the mailing list:**

**Number of members in the SIG mailing list :**

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

Based on attendance at previous YC social events this could be estimated at 100. According to our facebook site there are 103 registered members. The total number of Individual Members of the ECA interested in GIG1 activities is 37.

However, the GIG1 is a General Interest Group, every YC within the ECA region is implicitly involved in the GIG1 hence there is the potential for a much larger member base, which will hopefully evolve as the group establishes itself further in the future.

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

Not applicable as 2011 was an IUCr year and hence no ECM took place.

**7. Prizes sponsored/coordinated**

none

**8. Past Activities other than Microsymposia at ECM**

Title : **Current Research on Molecular Structures and Chemical Properties – A Young Perspective (IUCr2011 -WS2)**

Number of Participants: 60

Level of involvement of SIG in the activity:

X ECA Individual members registered with the GIG involved in the organizing committee

X ECA Individual members registered with the GIG involved as **participants**

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

Sponsored by ECA?

information not available as SIG13 initiated this workshop prior to GIG1 involvement



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Report of GIG 1 (cont.)

Other Sponsors/Organizers: SIG13

Short Description: (25 words max.) Jointly organised with SIG13 this workshop provided exchange of current experiences between Young Crystallographers working in the area of Molecular Structures and Chemical Properties.

## 9. Future/Programmed Activities.

Title: **MS31 “How to” at ECM27**

Number of Participants: to be confirmed at ECM27

Level of involvement of GIG 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 (to be seen from abstract submission)

endorsed (SIG logo on the web page/leaflets)

Sponsored by ECA?

Yes (as part of ECM)

Other Sponsors/Organizers:

Short Description: (25 words max.) Aimed at European YCs ,the MS covers topics such as “How to apply for European funding” or “How to present results at a conference”.

Title: **MS32 “Optimizing the use of Databases” at ECM27**

Number of Participants: to be confirmed at ECM27

Level of involvement of GIG 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 (to be seen from abstract submission)

endorsed (GIG logo on the web page/leaflets)

Sponsored by ECA?

Yes (as part of ECM)

Other Sponsors/Organizers:

Short Description: (25 words max.) Another MS proposed and organised by GIG1. Both MS31 and MS32 will be chaired by YCs.

Title: **MS44 “Controlling and Monitoring crystal growth and quality” at ECM27**

Number of Participants: to be confirmed at ECM27

Level of involvement of GIG in the activity:

1 GIG member is co-chair of this session

ECA Individual members registered with the SIG involved as lecturers (to be seen from abstract submission)

Sponsored by ECA:

Yes, as part of ECM

Title: **MS40 “Structure prediction for crystalline and amorphous molecular solids” at ECM27**

Number of Participants: to be confirmed at ECM27

Level of involvement of GIG in the activity:

MS proposed by GIG1 and another SIG

Report of GIG 1 (cont.)

X ECA Individual members registered with the SIG involved as lecturers (to be seen from abstract submission)

Sponsored by ECA:

Yes, as part of ECM

Title: MS43: **“Hot topics and structures in molecular chemistry” at ECM27**

Number of Participants: to be confirmed at ECM27

Level of involvement of GIG in the activity:

MS proposed by GIG1 and another SIG

X ECA Individual members registered with the SIG involved as lecturers (to be seen from abstract submission)

Sponsored by ECA:

Yes, as part of ECM

Title: MS47 **“3rd Generation Synchrotrons – Radiation Damage/Impact on Crystals” at ECM27**

Number of Participants: to be confirmed at ECM27

Level of involvement of GIG in the activity:

MS proposed by GIG1 and another SIG

X ECA Individual members registered with the SIG involved as lecturers (to be seen from abstract submission)

Sponsored by ECA:

Yes, as part of ECM

Title: **Young Crystallographers Satellite Meeting at the ECM28**

Number of Participants: 100 (estimated)

Level of involvement of SIG in the activity:

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

X ECA Individual members registered with the SIG involved as lecturers

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

Sponsored by ECA?

X Yes (to be negotiated)

Other Sponsors/Organizers: Dependent on negotiations with ECA, further funding will be sought through networking grants and possibly exhibitor sponsorship.

Short Description: (25 words max.) A one-day satellite meeting preceding ECM28 is proposed.

This will provide European YCs to present their work both as oral and poster contributions.

Title: **1<sup>st</sup> Crystallography Public Outreach Project Competition**

Number of Participants: 50 (estimated)

Level of involvement of SIG in the activity:

X ECA Individual members registered with the GIG involved in the organizing committee

X ECA Individual members registered with the GIG involved as **participants**

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

Sponsored by ECA?

X Yes

Other Sponsors/Organizers: CCDC

## Report of GIG 1 (cont.)

Short Description: (25 words max.) GIG1 would like to contribute to the IYCr-2014 organizing the 1<sup>st</sup> Crystallography Public Outreach Project Competition. The winning projects will be gathered together into a teaching Guide.

**10. Other matters.** ( 50 words max.)

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

**National Adhering Bodies (NM) Representatives** – The effort to recruit more NM Representatives is on-going and several new YCs joined at the IUCr in Madrid.

**Website** – Actively maintained by our webmaster with frequent updates on upcoming crystallography meetings and schools.

**Facebook** – GIG1 has created a facebook page, where group activities are advertised and YCs can join. This serves as an informal database and contact list of GIG1 members.

**IYCr** - Since this was put back to 2014, the Public Outreach Project Competition has also been postponed.

**Communication** – GIG officers regularly discuss arising matters via email and through Skype meetings.

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

- Co-chair – Laura Rocés (Universidad de Oviedo) – roceslaura@uniovi.es
- Co-chair – Susanne Coles (University of Southampton) – s.huth@soton.ac.uk
- Secretary – Alexander van Driessche (LEC, IACT, Granada) – sander@lec.csic.es
- Webmaster – Pete Wood (Cambridge Crystallographic Data Centre) – [wood@ccdc.cam.ac.uk](mailto:wood@ccdc.cam.ac.uk)
- National Member Representatives:
  - o Austria – Nikolaus Goessweiner-Mohr (University of Graz) – [n.goessweiner.mohr@gmail.com](mailto:n.goessweiner.mohr@gmail.com)
  - o Czech Republic & Slovakia – Andrea Stepankova (Academy of Sciences of the Czech Republic) - [stepankova@imc.cas.cz](mailto:stepankova@imc.cas.cz)
  - o France – Lydia Brelot (Universite de Strasbourg) – [brelot@unistra.fr](mailto:brelot@unistra.fr)
  - o Germany – Roland Schierholz (Darmstadt University of Technology) – [schierholz@st.tu-darmstadt.de](mailto:schierholz@st.tu-darmstadt.de)
  - o Greece – Christina Drakou (National Hellenic Research Foundation) – [cdrakou@eie.gr](mailto:cdrakou@eie.gr)
  - o Italy – Laura Chelazzi (Universita di Bologna) – [laura.chelazzi@unibo.it](mailto:laura.chelazzi@unibo.it)
  - o Poland – Kamil Dziubek (Adam Mickiewicz University, Poznan) - [rumianek@amu.edu.pl](mailto:rumianek@amu.edu.pl)
  - o Portugal – Vânia André (Instituto Superior Tecnico, Lisboa) – [vaniandre@ist.utl.pt](mailto:vaniandre@ist.utl.pt)
  - o Spain – Jorge Pasán (Universidad de La Laguna) – [jpasang@gmail.com](mailto:jpasang@gmail.com)
  - o South Africa – Tinus Viljoen (University of the Free State, Bloemfontein) – [ViljoenJA@ufs.ac.za](mailto:ViljoenJA@ufs.ac.za)
  - o Switzerland – Aurélien Crochet (University of Fribourg) - [aurelien.crochet@unifr.ch](mailto:aurelien.crochet@unifr.ch)
  - o Russia – Boris Zakharov (Novosibirsk State University) – [b.zakharov@yahoo.com](mailto:b.zakharov@yahoo.com)
  - o Ukraine – Liliana Lukashuk (University of Kyiv) – [manevka@list.ru](mailto:manevka@list.ru)
  - o United Kingdom – Susanne Coles (University of Southampton) – [S.Huth@soton.ac.uk](mailto:S.Huth@soton.ac.uk) (to be replaced by a YC from the BCA YC Group, negotiations on-going)



## Report of GIG 1 (cont.)

### **Supplementary Materials.**

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

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