

GIG-01 Young Crystallographers**Reported Period: 2022–2023****Report Date: 10th September 2023****Reported by: Mateja Pisačić (co-chair), Marta Morana (co-chair), Helena Butkiewicz (secretary)**

1. Introduction (50 words max.)

During the last year GIG-01 has continued to promote the needs and interests of Young Crystallographers throughout the ECA community. The GIG-01 has continued to try to improve the coverage of its national representatives and has participated in the organisation of ECM33.

2. GIG website:

<https://ecanews.org/groups/gig-01-young-crystallographers/>

3. Number of ECA individual members registered with the GIG according to <https://ecanews.org/groups/gig-01-young-crystallographers/> **GIG-01 Young Crystallographers (2023) – 62**

4. Existence of a GIG mailing list: Yes

Address of the mailing list: no public address available (mails of registered ECA members)

Number of members in the GIG mailing list: ~70

The GIG maintains communication with its members through regular updates on the group's Facebook page and per direct mail. With effectively all our members active on the social networking site, any information of interest to the GIG can be quickly disseminated among the Young Crystallographers community. The Facebook group is maintained by our webmaster, the chairs and the secretary, and a link to the page is available on the GIG-01 website.

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

700, taken from the Facebook group (<https://www.facebook.com/groups/223680720994589/>).

6. List of MS organised by the GIG at the last ECM

GIG-01 did not organize any MS during the ECM33 in Versailles, however GIG-01 supported MS45: "What is inside the black box?" and Philipp Hans (GIG-01) co-chaired this session.

7. Prizes sponsored/coordinated

GIG-01 organized and coordinated the "Science slam" competition and selection of the three prizes (sponsored by STOE) during the 33rd European Crystallographic Meeting in Versailles, France (2022).

8. Past Activities

- GIG-01 meeting at the ECM33 congress (Versailles, France).
- New chairs, Marta Morana and Mateja Pisačić were elected during the GIG-01 meeting at ECM33.

- Organization of the **“European Young Crystallographers Satellite Meeting”** at ECM33, Versailles, France
date and time of the event: August 23rd, 2022, 9:00 – 15:30
venue: 10 Rue de la Chancellerie - 78000, Versailles
organizers: Marta Morana (GIG-01), Philipp Hans (GIG-01), Camille Godefroy (ECM33 organizing committee member)
number of participants: 20
contributions: 14 oral presentations (15 minutes)
5 flash presentations (5 minutes)
10 poster presentations
short description:
During the meeting, young colleagues had the opportunity to present their research in a friendly environment. The contributions covered a wide span of different crystallographic topics, which initiated fruitful discussions and exchange of ideas.
webpage for more information:
<https://ecm33.ecanews.org/www.ecm33.fr/youngcrystallographerssatellitemeeting.html>
- Organization of the **“Science Slam”**
date and time of the event: August 24th, 2022, 18:00–19:30
venue: 10 Rue de la Chancellerie - 78000, Versailles
organizers: Helena Butkiewicz (GIG-01), Mateja Pisačić (GIG-01), Vincent Jacques (ECM33 organizing committee member)
number of participants: 11
contributions: 11 short presentations (5 min)
short description:
During the contest, each contestant had 5 minutes to present crystallographic topic (of their choice) to the audience in a fun, innovative and attractive way. After the presentations, audience decided on the winners (the three best) by the volume of the applause. The event was extremely well attended and received.
webpage for more information: <https://ecm33.ecanews.org/www.ecm33.fr/science-slam.html>
- Organization of **“Young Crystallographers Mixer”** (in cooperation with the organizers of ECM33).
- Organization of **“ECA lunch webinars”** - a successful series of online talks that are organised once per month by steering committee composed of GIG-01 members and advisory board composed of Udo Heinemann and Arie van der Lee. ECA Lunch webinars include all SIGs and GIGs and are intended to strengthen and vitalize the European crystallographic community.
Webpage for more information: <https://ecanews.org/education/eca-webinars-stay-tuned/>

9. Future/Programmed Activities

(1) Activities planned during the 34th European Crystallography Meeting (ECM34), Padua, Italy (26th–30th August 2024)

- Organization of the “**European Young Crystallographers Satellite Meeting**”.
- Organization of the “**Young Crystallographers Mixer**”.
- Organization of the “**Science Slam**” contest.
- Microsymposia/round tables proposed to ECM34 Programme committee to be organized by GIG-01 during ECM34:

Title	Co-sponsors
“ How to address questions, doubts and struggles of a young crystallographer ” (microsymposium)	Lead sponsor: GIG-01 Supporters: GIG-02 and GIG-03
“ Inclusion – not only in crystals: diversity in crystallography ” (round table)	Lead sponsor: GIG01 Supporters: GIG-02 and GIG-03

GIG-01 also supports microsymposia proposed by GIG-02 (“*What I gained from Erice*” and “*Things we no longer need to know - or do we?*”) and GIG-03 (“*Approaches and tools for learning crystallography efficiently and avoiding misconceptions*” and “*Common mistakes and problems in using black boxes*”)

- GIG-01 proposed one keynote (which is supported by GIG-02 and GIG-03) to the ECM34 organizing committee: **Prof. Mona Samer Minkara** (title: “*Unseen Advantage: The story of a blind chemist*”), and supported keynote proposals of GIG-02 (Giovanna Scapin: “*The 50-year crystallographic legacy of Erice*”) and GIG-03 (Anthony Linden: “*The evolution of crystallographic software tools and their efficacy in teaching endeavours*”).

(2) Continuation of the organization of “**ECA Lunch webinars**”.

10. Other Matters

GIG-01 actively works on gaining more visibility (advancing of GIG-01 webpage is planned) and a cooperation with other interest groups, especially GIG-02 and GIG-03, to establish firm ground for supporting young crystallographers in different aspects of their work, but also to discover what young crystallographers have to offer to the European crystallographic community.

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

GIG-01 has continued with its previous activities to promote crystallography (especially through organization of ECA Lunch webinars), but also interests and needs of young crystallographers. We kept encourage networking, even beyond scientific events through our webpage and social media group pages. Moreover, we push forward to revive and enlarge the number of National Member Representatives. GIG-01 participated in organizing events during the ECM33 and actively participates in programme committee for the upcoming ECM34. We are intensifying the interaction with GIG-02 and GIG-03 to establish a firm collaboration among GIGs.

12. List GIG officers, names and emails, and their main functions in the GIG:

Co-chairs	Marta Morana , University of Florence, Italy marta.morana@unifi.it
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