

Report 2025 SIG11

Two major events held at the 35th European Crystallographic meeting in Poznan were supported by the "Crystallography under Extreme Conditions" special interest group (SIG-11). A keynote lecture with the title "*Crystals under pressure: their compression and intermolecular forces*" was presented by Andrzej Katrusiak (Adam Mickiewicz Univ., Poznań, Poland) on Wednesday, August 27th. The lecture was attended by more than 150 people. A micro-symposium with title "High-pressure crystallography" (MS39) was held on Friday, August 29th morning, chaired by Anna Makal (Univ. Warsaw, Poland), and Andrzej Katrusiak (Adam Mickiewicz Univ., Poznań, Poland). Both the invited talks, given by Karen Fries (Forschungszentrum Jülich, Germany) and Tomasz Poręba (EPFL, Lausanne, Switzerland), and the further four oral communications were followed by more than 50 participants.

A satellite event "Frolic Goats High Pressure Workshop" was held at the Faculty of Chemistry, Adam Mickiewicz University in Poznan, before the ECM35 meeting, from Sunday 24th to Monday 25th August. The workshop had a limited number of seats (15 max) and was aimed to both newcomers and experienced participants, with a good balance between introductory lectures and laboratory hands-on exercises.

A SIG-11 meeting has been held on Friday 29th August during the ECM35 conference. The meeting was attended by 10 people, two of them not member of ECA (they have indicated interests in joining the association as individual members). The following points were discussed:

1. A new secretary officer was unanimously elected in the person of Ewa Patyk-Kaźmierczak from Adam Mickiewicz University in Poznań. Ewa has been working in the field of high-pressure crystallography for the last 15 years, focussing mostly on crystals of organic compounds, including Active Pharmaceutical Ingredients. Recently, she works on the effect of high pressure on the nature and crystal structure of multicomponent crystals.
2. The need for a better advertising of the work of SIG11 to young crystallographer has been discussed. A possible suggestion has been to increase visibility using a new home page of the SIG-11, to be developed during the transfer to the updated web site. Moreover, it may be useful to include a short information about the different SIGs in the confirmation email sent to the new ECA individual member, with an invitation to join those closer to their research.
3. The possibility of having a high-pressure satellite workshop at the ECM36 meeting in Prague has been discussed
4. Azzurra Zucchini from the Department of Physics and Geology of the University of Perugia has been nominated as representative of SIG-11 for the International Program Committee of ECM36.
5. It has been noted that most ECM35 participants were not happy about the fact that no specific time was dedicated to the poster session, making difficult a proper discussion with the presenting authors who did not know when to be present at their posters. Through our representative at the International Program Committee of ECM36, we will suggest not only to have a dedicated poster session, but also to set a specific time during which the presenting authors are required to be at the posters so that the award committees have a chance to talk to each person, and at the same time presenters know when they can leave their posts to see other posters.