10 Years Anniversary of Germany's Young Crystallographers

M. Nentwich, C. Buyer, J. Möbs, T. Weigel, J. P. Wöhrle

Institute for Inorganic Chemistry, University of Stuttgart, Pfaffenwaldring 55, 70569 Stuttgart (Germany); Department of Chemistry, Philipps-Universität Marburg, Hans-Meerwein-Str. 4, 35032 Marburg (Germany); Deutsches Elektronen-Synchrotron DESY, Notkestr. 85, 22607 Hamburg (Germany); Institute of Experimental Physics, TU Bergakademie Freiberg, Leipziger Str. 23, 09596 Freiberg (Germany); Kristallographie & Materialwissenschaften, Albert-Ludwigs-Universität Freiburg, Hermann-Herder-Str. 5, 79104 Freiburg (Germany)

 ${\it Melanie.Nentwich} @desy.de$

Keywords: Young Scientists, Crystallographic Network, German Crystallographic Society

The 'Young Crystallographers' is a working group of the German Crystallographic Society (DGK) and was founded in 2013 [1]. Within the past 10 years, this working group became one of the most active groups within the society. Over the years we have been building a large network with over 200 members all across the different fields of crystallography. The main objective of our working group is the integration of young crystallographers with differing professional backgrounds. For this purpose, we will provide three different tools: information, exchange, and networking.



Figure 1. The logo of the German Young Crystallographers (German: Junge Kristallographen), including the logo of the head society (German Crystallographic Association, DGK).

Our main ways of sharing the latest information are a monthly Newsletter, a Blog, Facebook, Twitter, Instagram, and LinkedIn. For the scientific exchange, we organize Microsymposia during the Annual Meetings of the DGK, focusing on the improvement of presentation skills with Lightning Talks and Posters. Additionally, we also network annually at a stand-alone Meeting, either at a University or at the site of our industry partner STOE & Cie. Those meetings are especially valuable due to the strong networking component, not only among peers, but also with the Academic and industry Speakers, who share insights into their different career paths.

Further, we strengthened the role of the young scientists in the scientific community by creating an Award for the youngest scientists within the DGK: Bachelor, Master, and Diploma students. The Lieselotte Templeton Prize was awarded for the first time in 2022 by granting the winners a fully paid participation in the next Annual Conference of the DGK and a free 3 years membership, in order to bind them to the society in the long term.

In order to compensate for a Meeting, which had to be canceled due to Corona, we organized a Special Issue in Zeitschrift für Kristallographie: "Spotlight on Germany's Young Crystallographers" that was published in 2022. For this issue, young scientists contributed on all levels: as authors, as organizers, and also as (internal) reviewers. Because of the great feedback from all sides [2], we aim on publishing further editions in the upcoming years.

[1] Zschornak, M., Meyer, D. C., Paufler, P. (2022). Z. Kristallogr. 237, 83.
[2] Nentwich, M.: "Spotlight on Germany's Young Crystallographers" – A Special Issue of Z Krist, blog post (2022) https://dgk-home.de/en/special-issue-young-crystallographers-en/