

Editorial



Hans Peter Lüthi

In the Laureates Issue of CHIMIA, the recipients of the best oral and the best poster presentation awards at Fall Meeting of the Swiss Chemical Society present their award-winning research. The 2022 Fall Meeting was held on September 8 at the University of Zürich, with more than 500 young scientists presenting their research as posters or as oral communications in nine thematic sessions.

Introduced twenty years ago, this award program has become one of the highlights of the Fall Meeting. The Award Ceremony is the final event on the agenda of an intense one-day meeting, and, with a very few exceptions, the more than thirty winners and runners-up, when called on stage, were still in the audience. In this issue, thirteen laureates present their research. For more than a decade, Metrohm (oral communications) and DSM Nutrition (posters) have been sponsoring this unique award program.



Roger Alberto

With the first prizes in the best poster and the best oral presentation categories of each parallel session, in addition to 500 CHF cash and a 750 CHF travel-award, there is also the invitation to contribute to this issue of CHIMIA. There are similar awards for the second ranked presenters.^[1] Overall, close to 40'000 CHF are handed out to the laureates during the Award Ceremony, which deserves a great big "Thank You" to the generous sponsors.

The young authors put a lot of pride into the presentations of their award-winning research. Given the large number of presentations, close to six-hundred overall, and the limited time available, for the Jury, the selection process is by no means easy. The attribute 'best' should therefore not be taken literally, but it is fair to say that the presentations of the winners were of outstanding quality. Reading the articles presented in the Laureates Issue will convince you that this is indeed the case!

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[1] For the 2022 Fall Meeting Award program and the complete list of winners see:
<https://fm22.scg.ch/awards/best-presentation-awards>

Cover page image: Challenging Immobility of Carbon in Metal Matrixes at Elevated Temperatures - A Carbon Analog of the Mars-Van Krevelen Mechanism

Direct methane coupling – one of the holy grails of industrial chemistry – was shown to involve carbon exchange with the metal carbide matrix *in-situ* via C-H activation, C diffusion and C homologation. Image created by Seraphine B.X.Y. Zhang^a, Quentin Pessemesse^b, Lukas Lätsch^a, Konstantin M. Engel^a, Wendelin J. Stark^a, Alexander P. van Bavel^c, Andrew D. Horton^c, Pierre-Adrien Payard^{*b} and Christophe Copéret^{*a}

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