

Conference Report

STK Annual Meeting 2018

May 15, 2018, F. Hoffmann - La Roche AG, Grenzacherstrasse 124, CH-4070 Basel

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The Swiss Society for Thermal Analysis and Calorimetry (Schweizerische Gesellschaft für Thermoanalytik und Kalorimetrie - STK) was founded in 1975, with the aim to bring together scientists from universities and industries active in these fields.

STK held its annual meeting 2018 at F. Hoffmann - La Roche in Basel on Tuesday May 15th. The meeting was devoted to 'Innovation in Thermal Analysis and Calorimetry, with a focus on pharmaceutical products'. Thanks to the hard work of the local organizer Jürgen Thun (Laboratory Supervisor Thermal Analysis at F. Hoffmann - La Roche) and with the full support of the scientific committee (Marie-Agnès Aeschlimann, Pierre Brodard, Patrick Furrer, Angela Hammer, Rolf Hilfiker, Francesco Mascarello, Alois Raemy, Francis Stoessel and Jürgen Thun), about 60 participants from academia and industry enjoyed 10 excellent talks and discovered instrumental novelties from 5 exhibitors (Setaram, Mettler-Toledo, ProSense, Linseis & MeltPrep).

The morning started with the first invited talk by **Rolf Hilfiker** from Solvias AG (Switzerland), who gave us a masterful overview of 'The challenge to find a new viable solid form - From screening to characterization, selection and scale-up'. For the second invited talk of the day, we had the honor to hear **Duncan Craig** from University College London (UK) telling us about 'Thermal analysis of pharmaceuticals: new approaches to new problems'. After that, two interesting contributed talks by **Eric Ofsu Kissi** (University of Copenhagen, Denmark) and **Bertrand Roduit** (AKTS AG, Switzerland) were held.



P. Brodard, J. Rouquerol, R. Hilfiker, F. Mascarello, F. Stoessel

After lunch and General Assembly, the president of STK Pierre Brodard presented the STK AWARD 2018 to **Jean Rouquerol**, Directeur de Recherche Emérite au CNRS (Laboratoire MADIREL - Aix-Marseille Université, France), for his outstanding contribution to the fields of calorimetry and thermal analysis. Prof. Dr. Rouquerol then held his award presentation, a superb and systematic survey of 'Modernity of calorimetry'. **Christian Lautz** from F. Hoffmann-La Roche (Switzerland), our last invited speaker of the day, went further into modernity with 'The integrated calorimeter - Combining calorimetry and PAT measurements'. **Angela Hammer** (Mettler-Toledo AG, Switzerland) completed this first afternoon session with a contributed talk.

Some cups of coffee later, Marie-Agnès Aeschlimann presented the STK PRIZE FOR YOUNG SCIENTIST 2018 to **Charles Guinand** from AKTS AG (Switzerland), for his work on accumulation in fed-batch reactor with multiple reaction scheme. Dr. Guinand's award speech on 'One number to rule them all: a reactor management strategy' was a perfect example of how bright graphical illustrations can enlighten complex concepts with simplicity! Finally, **Daniel Treffer** (MeltPrep GmbH, Austria) and **Heinz Renner** (Linseis Messgeräte GmbH, Germany) rounded up this final session by showing their latest instrumental developments.



P. Brodard, A. Raemy, C. Guinand, M.-A. Aeschlimann, F. Stoessel

The very good attendance with several international guests, as well as the always strong interest from scientists working in industry, proved that Thermal Analysis and Calorimetry is as actual and relevant as ever in Switzerland. This successful meeting was made possible thanks to all our dedicated speakers, to whom we express our warmest thanks once again.

Received: July 24, 2018