

# STK Annual Meeting 2024

18.09.2024, dsm-firmenich, Hauptstrasse 4, CH-4334 Sisseln, Switzerland

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The Swiss Society for Thermal Analysis and Calorimetry (Schweizerische Gesellschaft für Thermoanalytik und Kalorimetrie - STK) held its Annual Meeting 2024 on Wednesday September 18<sup>th</sup> in the vast facilities of dsm-firmenich in Sisseln, with the German Black Forest across the Rhine in the background (Fig. 1). Lise Molinari and Jochen Butz, our dedicated local hosts, provided comfortable spaces for the 45 participants (Fig. 2) and organized fascinating factory visits, including the world's largest production plant for vitamin E. Altogether, 6 experienced scientists from industry and academia gave us an overview of the latest developments of Thermal Analysis for Health and Safety, supplemented by attractive booths from our faithful exhibitors.

**Annik Nanchen**, Safety Expert at TÜV SÜD Process Safety in Basel and Lecturer at EPFL in Lausanne, opened the symposium



Fig. 1. dsm-firmenich production facilities in Sisseln.



Fig. 2. Captivating talks and relaxed discussions, the mainsprings of STK Annual Meetings. Photo credit Marie-Agnès Aeschlimann.

with her STK Awardee 2024 talk on *Reducing Risk of Reactivity Hazards* (Fig. 3), where she demonstrated her extended practical experience with chemical hazards combined with an outstanding ability to explain the theoretical bases of thermal safety. **Fabien Bernardeau** (KEP Technologies EMEA, France) and **Angela Hammer** (Mettler Toledo, Greifensee) continued with contributions about *Study of Runaway Reactions* and *Safety of Li-ions Batteries*, respectively.



Fig. 3. Dr. Annik Nanchen receiving the STK Award 2024 from the hands of Pierre Brodard (STK President), in presence of Jürgen Thun, Angela Hammer, and Alois Raemy (STK Award committee). Photo credit Marie-Agnès Aeschlimann.

After the lunch break and factory visit, **Lise Molinari** (dsm-firmenich, Sisseln) kicked off the afternoon session with her interesting invited talk on *Calorimetry and Thermal Analysis in the Product Life Cycle*, followed by the invited talk from **Andreas Zogg** (FHNW, Muttenz) about *Scaling Down the Heat Transfer in Multipurpose Plants*, a convincing demonstration of the importance of experimental data. **Muhammad Haris** (TA Instruments/Waters GmbH, Germany) closed the symposium with his contribution on *Drug Formulation Using Calorimetry*.

2025 marks the **50<sup>th</sup> Anniversary of STK**: founded in 1975 by Prof. Hans-Rudolf Oswald† (Uni. Zurich) and Dr. Erwin Marti† (Ciba-Geigy AG), our society invites all interested scientists to join us for a **two-days symposium at the Zurich Innovation Centre of Givaudan in Kempththal**. Prepared by our upcoming host Marie-Agnès Aeschlimann, it will take place on Tuesday afternoon and Wednesday morning 23<sup>rd</sup>/24<sup>th</sup> of September, and several Invited Speakers have already confirmed their participation: Maren Lepple (Uni. Giessen, Germany), Ekkehard Füglein (Netzsch, Germany), Markus Gödde (BASF, Germany) and Bertrand Roduit (AKTS, Sierre, Switzerland). This appealing scientific part will be crowned by a free social event/dinner, so mark it in your agendas!