

Educational Symposium

Best practice exchange, networking

Calorimetry Beyond Safety

31st January 2023, 9.00h – 12.15 h
HEIA-Fribourg, Auditoire Edouard Gremaud

Calorimetry is the process of measuring the amount of heat released or consumed during a chemical reaction. Thus, calorimetry is a key technology for the thermal risk assessment of chemical processes. The results of calorimetric investigation are routinely used in safety evaluation.

The purpose of this symposium is to show that calorimetry can be used for other applications beside safety. For example, it can be used for process optimization, scale-up, kinetic and thermodynamic investigation, material properties, reaction and process control, etc.

Time	Topic	Speaker
9.00	Registration and coffee	
9.40	Welcoming 10'	Christophe Allemann HES-SO / HEIA-FR
9.50	“Process optimization based on reaction calorimetry”	Delphine Berset TÜV SÜD Schweiz AG
10.20	“Biocalorimetry as a Process Analytical Technology (PAT) tool”	Michal Dabros HEIA-FR // HES-SO
11.00	“Scale up of a non-isothermal reaction”	Fabio Vinsentin Mettler Toledo
11.45	Closing remarks and round table with all speakers on calorimetry beyond safety	Christophe Allemann HES-SO / HEIA-FR
12.15	Apero + Lunch & Networking	

Registration Fee (includes coffee break, Aperero and lunch): 120 CHF.-- (SGVC Members : 100 CHF, Students 80 CHF)

