

COST is funded by the EU Framework Programme Horizon 2020

Training School : Advanced techniques for analysis of water T&O

3-5 May 2022

Leibniz Institute for Food Systems Biology at the Technical University of Munich (LSB), Freising, Germany

Organizer: Dr. Martin Steinhaus, WaterTOP WG2 Leader

	Day 1: Tuesday, 3 May 2022		Day 2: Wednesday, 4 May 2022		Day 3: Thursday, 5 May 2022
09:00–10:45	Welcome and introduction (Martin Steinhaus) Activity-guided screening for odor-active compounds 1 (Martin Steinhaus)	09:00–10:45	Activity-guided screening for taste-active compounds (Timo Stark)	09:00–10:45	Practical session 3 Group 1: GC×GC-MS (Klaas Reglitz) Group 2: GC-O (Stephanie Frank) Group 3: GC-GC-MS (Johanna Kreißl)
10:45–11:15	Coffee break	10:45–11:15	Coffee break	10:45–11:15	Coffee break
11:15–13:00	Activity-guided screening for odor-active compounds 2 (Martin Steinhaus)	11:15–13:00	Simultaneous high-throughput quantitation of odorants and tastants by LC-MS/MS (Andreas Dunkel)	11:15–13:00	Practical session 4 Group 1: GC×GC-MS (Klaas Reglitz) Group 2: GC-O (Stephanie Frank) Group 3: LC-MS/MS (Andreas Dunkel)
13:00–14:00	Lunch break	13:00–14:00	Lunch break	13:00–14:00	Lunch break
14:00–15:45	2D-GC methods for the analysis of trace odorants – GC×GC-MS (Klaas Reglitz)	14:00–15:45	Practical session 1 Group 1: GC-O (Stephanie Frank) Group 2: GC-GC-MS (Johanna Kreißl) Group 3: GC×GC-MS (Klaas Reglitz)	14:00–15:45	Practical session 5 Group 1: GC-GC-MS (Johanna Kreißl) Group 2: GC×GC-MS (Klaas Reglitz) Group 3: GC-O (Stephanie Frank)
15:45–16:15	Coffee break	15:45–16:15	Coffee break	15:45–16:15	Coffee break
16:15–18:00	2D-GC methods for the analysis of trace odorants – Heart-Cut GC-GC-MS (Veronika Mall)	16:15–18:00	Practical session 2 Group 1: GC-O (Stephanie Frank) Group 2: LC-MS/MS (Andreas Dunkel) Group 3: GC×GC-MS (Klaas Reglitz)	16:15–18:00	Practical session 6 Group 1: LC-MS/MS (Andreas Dunkel) Group 2: GC×GC-MS (Klaas Reglitz) Group 3: GC-O (Stephanie Frank)
	Free evening	18:30–20:00	Free guided tour to the oldest brewery of the world (www.weihenstephaner.de)		Free evening