

Short Course on Ion Mobility Spectrometry 2023

Approx. Time	Saturday Topic
9:00	Short course registration
9:30	01: Welcome
9:45	02: History of IMS
10:30	Break
10:45	03: Overview on Operating Principles of IMS
11:30	04: Operating Principles: Ionization Sources
12:15	Lunch
13:15	Question and Answer Session
13:30	05: Operating Principles: Ion Chemistry
14:15	06: Fundamental Considerations: Collisional Theory
15:00	Break
15:15	07: Operating Principle: Measuring Mobility
15:30	08: Security Applications of IMS
16:15	09: Hybrid Instruments
17:00	Question and Answer Session
17:15	Adjourn

Approx. Time	Sunday Topic
9:00	Discussion on Saturday topics (recap)
9:15	10: Challenges in Biomolecular Applications
10:00	11: Master Class: Trapped IMS
10:45	Break
11:00	12: Master Class: Trapped IMS (continued)
11:45	Question and Answer Session
12:00	Lunch
13:00	Instrument Demo
14:30	Course evaluation Adjourn

Monday 18:00 – 20:00

**timsTOF hands-on training
& tour of M4i at Maastricht
University**

