

Monday, 11th of October 2021 (Final Program)

Time	Event
15:30 – 15:40 (CET)	Welcome to FFF2021 Virtual Symposium Chair: Susanne Boye
15:40 - 16:20 (CET)	Plenary Lecture Myeong Hee Moon (Yonsei University, South Korea) <i>Flow FFF and mass spectrometry for proteomic/lipidomic analysis.</i> Includes 10-minute discussion. A breakout room with the speaker will be available at 18:00 for additional discussion. Chair: Susanne Boye
16:20 - 16:50 (CET)	Keynote Lecture Fanny Caputo (Laboratoire national de métrologie et d'essais, France) <i>Measuring physical properties of lipid-based nanoparticles with multidetector asymmetric flow field flow fractionation (MD-AF4): from method development to standardization.</i> Includes 10-minute discussion. A breakout room with the speaker will be available at 18:00 for additional discussion. Chair: Kim Williams
16:50 - 17:00 (CET)	Break (Random Breakout Rooms)
17:00 - 17:40 (CET)	Special Topics – Young Scientists Sergio Fernández-Trujillo (University of Castilla-La Mancha, Spain) <i>A first approach based on the use of EAF4-ICP-TQ-MS for the study of platinum nanoparticles.</i> Yu Wang (University of Alberta, Canada) <i>Analytical strategies and artefact studies to determine colloidal trace elements at ultra-trace concentration levels using AF4-ICP-MS.</i> Edyta Niezabitowska (University of Liverpool, United Kingdom) <i>Insights into the internal structures of nanogels Using a versatile Asymmetric-Flow Field-Flow Fractionation Method.</i> Michael Toney (Colorado School of Mines, United States) <i>Characterization of architectural traits of bottlebrush polymers using Soret coefficients from Thermal Field-Flow Fractionation.</i> A breakout room with each of the individual presenters will be available at 17:40 for discussion. Moderators: Upenyu L. Muza and Ziting Gao
17:40 - 18:00 (CET)	Designated parallel Breakout Rooms for special topics.
18:00 - 19:00 (CET)	Designated parallel Breakout Rooms for plenary speaker, keynote speaker, special topics, and poster participants. Community Social Breakout Room.

Tuesday, 12th of October 2021 (Final Program)

Time	Event
15:30 – 15:40 (CET)	Welcome Wenwan Zhong
15:40 - 16:20 (CET)	Plenary Lecture Wei Gao (DOW, USA) <i>Asymmetric flow field-flow based characterization of emulsion polymer and submicron particles for industrial innovation.</i> Includes 10-minute discussion. A breakout room with the speaker will be available at 18:15 for additional discussion. Chair: Wenwan Zhong
16:20 - 16:50 (CET)	Keynote Lecture Hayiang Dou (Hebei University, China) <i>Study on the relationships between the structure and functional properties of the polysaccharides extracted from traditional Chinese medicine using AF4.</i> Includes 10-minute discussion. A breakout room with the speaker will be available at 18:15 for additional discussion. Chair: Bruce Gale
16:50 - 17:00 (CET)	Break (Random Breakout Rooms)
17:00 - 17:40 (CET)	Special Topics – Young Scientists Valentina Marassi (University of Padova, Italy) <i>FFF-based chemometrics for enhanced wine grouping and cultivar fingerprinting.</i> Shamila Firdaus (Leibniz-Institut für Polymerforschung Dresden e.V., Germany) <i>A comparative study on structure and interaction properties of glycolysed dendrimers and pseudodendrimers.</i> Stefano Giordani (University of Bologna, Italy) Improving the comprehension on polydopamine nanosystems through multidetection-FFF. Silvia Moreno (Leibniz-Institut für Polymerforschung Dresden e.V., Germany) <i>Responsive polymeric vesicles and analytical tools for the loaded bio(macro)molecules locations.</i> A breakout room with each of the individual presenters will be available at 17:40 for discussion. Moderators: Zanelle Viktor and Michael Toney
17:40 - 18:00 (CET)	Designated parallel Breakout Rooms for special topics.
18:00 - 18:15 (CET)	The announcement of nominations for poster awards. Upenyu L. Muza
18:15 - 19:00 (CET)	Designated parallel Breakout Rooms for plenary speaker, keynote speaker, special topics, and poster nominees. Community Social Breakout Room.

Wednesday, 13th of October 2021 (Final Program)

Time	Event
15:30 – 15:40 (CET)	Welcome <hr/> Albena Lederer
15:40 - 16:20 (CET)	Plenary Lecture Serge Battu (Université de Limoges, France) <i>From the past to the future of cell sorting by SdFFF.</i> Includes 10-minute discussion. A breakout room with the speaker will be available at 17:30 for additional discussion. <hr/> Chair: Albena Lederer
16:20 - 16:50 (CET)	Keynote Lecture Natalia Ivleva (TU Munich, Germany) <i>On-line coupling of field-flow fractionation and Raman microspectroscopy for analysis of (plastic) micro- and nanoparticles.</i> Includes 10-minute discussion. A breakout room with the speaker will be available at 17:30 for additional discussion. <hr/> Chair: William Smith
16:50 - 17:00 (CET)	Break (Random Breakout Rooms)
17:00 - 17:30 (CET)	The live presentation of posters of the nominees. <hr/> Moderator: Upenyu L. Muza
17:30 - 18:00 (CET)	Designated parallel Breakout Rooms for plenary speaker, keynote speaker and poster nominees.
18:00 - 18:15 (CET)	Awards Gala. Closing message from Chair and invitation for FFF2022 Symposium. <hr/> Susanne Boye Wei Gao
18:15 - 19:00 (CET)	Designated parallel Breakout Rooms for plenary speaker, keynote speaker and award winners. Community Social Breakout Room.

