

Workshop date: Monday, June 6th 2022

Workshop Room: 200 FG

Chair: Jessica Hoskins (AbbVie, Jessica.Hoskins@abbvie.com)

Chair-elect: Thierry Fouquet (Bausch & Lomb, Thierry.Fouquet@bausch.com)

Goal of workshop: Tutorial style discussion on selected topic, coupling of thermal polymer analysis techniques to MS

Attendance: 35-40 attendees (in person); 1-2 attendees (virtual streaming)

- *Welcome and opening remarks- 10 mins*
 - Sanibel/Asilomar Proposal discussion

- *Tutorial Style Workshop Presentations- 30 mins*

Pyrolysis-GC-HRMS with Soft Ionization for Increased Confidence in Compound Identification –
Rachel Sanig (Waters)

Direct Sample Analysis Combined with a Thermal Gradient Approach for Routine Testing of Materials- Dr. Cristian Cojocariu (Waters)

- *Q&A and Open Discussion- 25 mins*

After the tutorial talks concluded, the floor was opened to questions for both speakers and the general polymer community. Both talks generated numerous questions and discussion among the in-person attendees.

Time was dedicated to quick, stand-up poster promotions, particularly by students in our interest group. Several group members took advantage of this opportunity to quickly promote their work to the interest group community.

- *Polymeric Materials Interest Group Business- 10 mins*

The final ten minutes of the workshop were devoted to interest group business.

- Jessica Hoskins concluded her term serving as Chair of the Polymer Workshop. Chair-elect, Thierry Fouquet, rose to the position of Chair for 2023-2024.
- Anthony (Tony) Gies (Dow) was presented to the group as a nominee to serve as incoming Chair-Elect. Additional nominations for chair-elect were solicited with none brought forward. Tony's nomination was approved by attendees without objection, and Tony will serve as Chair-Elect in 2023-2024 and Chair in 2025-2026.

Additional Notes for the ASMS Community

- Since the last official Polymeric Materials Workshop in 2020, the Polymeric Materials Interest Group has hosted two virtual meetings (via Zoom) that were well received by the community and typically attended by 30-50 members.
 - Fall 2021- MS Analysis of High Molecular Weight Polymers
 - Featured speaker: Dr. Rodolphe Antoine “Charge Detection Mass Spectrometry Approaches for Ultra-High Molecular Weight Polymers: Playing with Heavier Things”- 25 mins
 - Q&A and Open Discussion- 35 mins
 - Group business- 10 mins
 - Spring 2022- Virtual Meeting
 - Introductions- 15 mins
 - Self-promotion of polymer-related ASMS presentations- 10 mins
 - Sanibel/Asilomar proposal discussion- 15 mins
 - Open/informal discussion- 15 mins
 - Group business- 5 mins
- The group plans to continue interim virtual interest group meetings between official ASMS workshop meetings. These meetings are open to all and will be publicized via:
 - The official ASMS Polymeric Materials interest group forum
 - The “opt in” historical distribution list- contact Thierry if you would like to be added
 - LinkedIn Group (<https://www.linkedin.com/groups/4009861/>)