



Akron Functional Materials Center (AFMC) Spring Meeting
Polymer Engineering Academic Center (PEAC)
250 S. Forge St, Akron OH 44325
May 12, 2015 (8am - 5pm)

College of Polymer Science and Polymer Engineering
The University of Akron, Akron, OH 44325-0301



8:00 am - 8:30 am **Continental Breakfast & Registration – Atrium of PEAC**

Oral Session 1, Overview of Thrusts and Capabilities (PEAC 130)

- 8:30 am – 8:40 am Welcome & Opening Remarks
- 8:40 am - 9:00 am Center Overview and “What’s new” – Bryan Vogt and Yu Zhu
- 9:00 am – 9:30 am Bio-Materials –Abraham Joy
- 9:30 am – 10:00 am Coatings and Adhesives– Nicole Zacharia

10:00 am - 10:30 am **Coffee Break – Atrium of PEAC**

Oral Session 2, Overview of Thrusts and Capabilities (PEAC 130)

- 10:30 am – 11:00 am Polymer and Supramolecular Assembly – George Newkome
- 11:00 am – 11:30 am Additive Manufacturing –Andrey Dobrynin
- 11:30 am –12:00 am Energy and Electronics – Xiong Gong

12 noon – 1:00 pm **Working Lunch Discussion**

Oral Session 3, Student presentations (PEAC 130)

- 1:00 pm - 1:15 pm Vrushali Bhagat – (Biomaterials, Becker group) **“Phosphorylated Poly(ester-urea) based Biomimetic Degradable Bone Adhesives”**
- 1:15 pm – 1:30 pm Ryan Salata – (Coatings and Adhesives, Soucek group) **“Alkyd Resins: Making the Leap from Coatings to Adhesives”**
- 1:30 pm – 1:45 pm Tanmay Jain – (Additive Manufacturing, Joy group) **“Soft Multi-functional Polyesters for Room Temperature 3D Printing”**
- 1:45 pm – 2:00 pm Yunyi Gao – (Polymer and Supramolecular Assembly, Liu group) **“Solution Behaviors of Macroions – Where Simple ions, Colloids and Polyelectrolytes Meet”**
- 2:00 pm – 2:15 pm Kai Wang – (Energy and Electronics, Gong group) **“Efficient Perovskite Hybrid Solar Cells via Ionomer Interfacial Engineering”**
- 2:30 pm – 3:00 pm** **(optional) Tour of NPIC**
- 2:30 pm – 3:00 pm** **Meet with student speakers**

3:00 pm – 3:15 pm **Break, Walk to Goodyear**

3:15 pm – 4:00 pm	(optional) Tour of Modeling and Visualization Center (on 15 min intervals – limited to 10 people each)
3:15 pm – 5:00 pm	Student poster session in Goodyear
5:00	Adjourn