

SCHEDULE

- 8:15 am Breakfast (Frank Walk Room - ELAB)
- 9:00 am Opening Remarks – Dr. Guoqiang Li (PFTH 1245)
- 9:10 am Announcements – Dr. Hunter Gilbert (PFTH 1245)

Morning Session 1

Sourav Saha	
9:10 – 9:30 am	Elnaz Sheikh - Raman Microspectroscopy Imaging of Protein and Lipid Species in the Microenvironment of Pancreatic Cancer Tissue. (Advisor: Dr. Manas Ranjan Gartia) Nominee for Outstanding Research Assistant
9:30 – 9:50 am	John Bayelma Konlan - Design and manufacturing of versatile self-repairing composite laminates for engineering applications (Advisor: Dr. Guoqiang Li) Nominee for Outstanding Research Assistant

- 9:50 am **Voting Instructions** (Dr. Hunter Gilbert)
- 9:55 am Break and Voting (Outstanding Research Assistant)

Morning Session 2

PFTH 1245	Chair: Phillip O John
10:05 – 10:25 am	Edward Morgan - Model-based Visual Control for Robotic Manipulators Using Udwadia Kalaba Formulation (Advisor: Dr. Corina Barbalata)
10:25 – 10:45 am	Ehsan Bagheri - Additive Friction Stir Deposition And Characterization Of Al 7075 parts (Advisor: Dr. Shengmin Guo)
10:45 – 11:05 am	Azmyin Md Kamal - Solving Short-Term Relocalization Problems in Monocular Keyframe Visual Slam Using Spatial and Semantic Data (Advisor: Dr. Corina Barbalata)
11:05 – 11:25 am	Maria Iftesum - Hierarchical Self-Assembly of 2D Hafnium Disulfide Nanoplatelets and Gold Nanospheres for Sensing of Monkeypox Virus (Advisor: Dr. Hunter Gilbert)

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2:15 – 2:35 pm	Okezzi Ukorigho - A Competitive Learning Approach For Specialized Models: An Approach To Modeling Complex Physical Systems With Distinct Functional Regimes (Advisor:Dr.Ope Owoyele)
2:35 – 2:55 pm	Zheng Qiao – Research on 3D Printing resin exposure properties and its application on centrifugal microfluidic platform based on solid phase extraction. (Advisor: Dr. Wanjun Wang)