

THE ADVISORY BOARD MEETING
THE EROSION/CORROSION RESEARCH CENTER
The University of Tulsa – ACSU (Allen Chapman Student Union), Alcove Room
November 9-10, 2022 – (Wednesday/Thursday)

| <u>TIME</u> | <u>TOPIC</u> | <u>SPEAKER</u> |
|--|--|----------------------------------|
| Wednesday, November 9, 2022 | | |
| 1:00 -- 1:10 p.m. | Welcome, Introductions, and Research Approach | Siamack Shirazi |
| 1:10 -- 1:30 p.m. (15 min. + 5 Q&A) | Current & Future Status of SPPS | Soroor Karimi |
| 1:30 -- 2:10 p.m. (30 min. + 10 Q&A) | Improvements in SPPS Mechanistic Modeling and Multiphase Flow Modeling | Farzin Darihaki |
| 2:10 -- 2:30 p.m. (15 min. + 5 Q&A) | Upgrading SPPS Python | Thiana Sedrez |
| 2:30 -- 2:50 p.m. (15 min. + 5 Q&A) | Machine Learning (SPPS-AI) | Ronald Vieira |
| 2:50 -- 3:05 p.m. | BREAK | |
| 3:05 -- 3:50 p.m. (35 min. + 10 Q&A) | Effect of Bend Geometry on Solid Particle Erosion | Faris Bilal |
| 3:50 -- 4:20 a.m. (25 min + 5 Q&A) | Low Velocity and High Temperature Impact Erosion | Evan Gietzen |
| 4:20 -- 5:05 a.m. (35 min.+ 10 Q&A) | Scale up and Particle Size Effects in Liquid Dominated Erosion Studies | Yeshwanthraj Rajkumar |
| Thursday, November 10, 2022 | | |
| 7:25 -- 7:30 a.m. | Pick Up Advisory Board Members Doubletree Hotel at Warren Place | Siamack Shirazi |
| 7:45 -- 8:30 a.m. | Breakfast Buffet & Refreshments | All |
| 8:30 -- 9:20 a.m. (40 min.+ 10 Q&A) | Effect of Distance between Two Elbows in Series on Erosion | Mazen Othayq |
| 9:20 -- 9:45 a.m. (20 min. + 5 Q&A) | Liquid Droplet Impact Erosion | Keldon Anderson |
| 9:45 -- 10:15 a.m. (25 min.+ 5 Q&A) | Coal Erosion Experiment and Modeling | Larry Berg/ Ann Grue |
| 10:15 -- 10:30 a.m. | BREAK | |
| 10:30 -- 11:05 a.m. (30 min. + 5 Q&A) | Uncertainty Estimation for Erosion Measurement and Prediction | Elham Fallah |
| 11:05 -- 11:35 a.m. (25 min. + 5 Q&A) | Effects of Particle Size for Multiphase Flow Erosion | Mubashir Hassan |
| 11:35 -- 12:00 p.m. (20 min + 5 Q&A) | Erosion of Large Diameter Elbows and Plugged Tees with Application to SPPS | Jun Zhang |
| 12:00 -- 1:00 p.m. | LUNCH --Alcove | All |
| 1:00 -- 3:00 p.m. | Operators' Forum (Thursday Afternoon Session) | Chair |
| 3:00 -- 4:00 p.m. | Open Discussion and Planning E/CRC and TU-SMP Activities | Siamack Shirazi Soroor Karimi |
| 4:00 -- 5:30 p.m. | E/CRC and TU-SMP Tour of Facilities Flow Loop Tour | North Campus |

Spring 2023 Meeting Dates: May 17-18, 2023
Fall 2023 Meeting Dates: November 8-9, 2023

These are proposed dates. Check website for updated info. <http://www.tusmp.utulsa.edu/events.html>