

Tribology Boot Camp Agenda

Basics, Best Practices, and Applications

Day 1

- 08:15 Registration
- 08:30 Broad Impact of Tribology
Fundamentals of Tribology
- 10:30 Coffee break
- 10:45 Basics of Tribological Measurements – movement types, environmental conditions, wear measurements, test types
- 12:45 Lunch (provided)
- 13:15 Standard Tribology Applications – polymers, metals, glasses, aerospace, automotive, drilling
- 15:00 Coffee break
- 15:15 Pin on disk tribometer demonstration
- 17:30 End of Boot Camp Day One

Day 2

- 08:15 Coffee and refreshments
- 08:30 Tribological Simulations – contact types, environment conditions, sliding speeds, contact pressure, other considerations
- 10:30 Coffee and refreshments
- 10:45 Non-Standard Tribology Applications - biotribology, food tribology, biomedical, lubrication
- 12:45 Lunch (provided)
- 13:15 Ball on plate and pin on disk demonstrations
- 15:00 Coffee and refreshments
- 15:15 Demonstrations and discussions
- 17:30 End of Boot Camp Day Two