

TRIBOLOGY: FRICTION, WEAR AND LUBRICATION

SUMMER PROFESSIONAL PROGRAM (PRELIMINARY SCHEDULE)

23 - 27 JUNE 2008

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, CAMBRIDGE, MA 02139-4307

Lecture Time	Monday	Tuesday	Wednesday	Thursday	Friday
9:00-10:00 AM	1. Course Overview (NS)	5. Boundary Lubrication (SJ)	9. Delamination Wear (SJ)	13. Seizure, Melt Wear (NS)	17. Wear of Ceramics (SJ)
10:00-10:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>
10:30-12:00 Noon	2. Surface Topography, Surface Properties (NS)	6. Solid Lubrication and Coatings (SJ)	10. Undulating Surfaces (NS)	14. Oxidative/Corrosive Wear (NS)	18. Nanotribology (NR)
12:00-1:30 PM	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>	<i>Lunch</i>
1:30-3:00	3. Mechanics of Solid Contacts (NS)	7. Fluid-Film Lubrication (SJ)	11. Adhesive Wear (NR)	15. Wear-Mechanism Maps (NS)	19. Lab Tour
3:00-3:30	<i>Break</i>	<i>Break</i>	<i>Break</i>	<i>Break</i>	
3:30-5:00	4. Mechanisms and Theories of Friction (NS)	8. Mechanisms and Theories of Wear (SJ)	12. Tribological Testing (NR)	16. Abrasive/Erosive Wear (NR)	
5:00-5:30	<i>Group Discussion</i>	<i>Group Discussion</i>	<i>Group Discussion</i>	<i>Group Discussion</i>	

Presenters NS: Dr. Nannaji Saka SJ: Dr. Said Jahanmir NR: Dr. Nicholas X. Randall

Program Dinner
Wednesday, 25 June 2008, 6:30 PM