

Center for Thermal Spray Research

 AT STONY BROOK UNIVERSITY

Spring 2014 Consortium Meeting Agenda

Location: Stony Brook University, Stony Brook, NY

Thursday, June 5th

Location: Hilton Garden Inn, 1 Circle Road, Stony Brook University

| Time Start | Time End | Title | Speaker |
|----------------|----------|---|--|
| 8:15 | 8:30 | Welcome and Introduction | Sanjay Sampath |
| 8.30 | 9:45 | Improving Thermal Spray Process Outcomes: Bridging advanced concepts with traditional expectations (i.e. specifications) | Sanjay Sampath Jan Wigren (<i>GKN Aerospace</i>) |
| 9:45 | 10:30 | Mechanical behavior of thermal spray coated structural systems | Andrew Vackel Toshio Nakamura |
| 10:30 | 11:00 | Coffee Break | |
| 11:00 | 11:45 | Durable, multifunctional, multilayer TBCs: Design, manufacturing and performance | Gopal Dwivedi Vaishak Viswanathan |
| 11:45 | 12:15 | Field Trip Updates | Andrew Vackel Shrikant Joshi (<i>ARCI, India</i>) |
| 12:15 | 1:15 | Lunch | |
| 1:15 | 1:40 | Damage Tolerant Coatings: Modeling for improved wear resistance | Kenneth Holmberg (<i>VTT-Finland</i>) |
| 1:40 | 2.40 | Damage Tolerant Coatings: Integrating process optimization with design relevant characterization | Andrew Vackel Arash Ghabchi (<i>Boeing Co.</i>) |
| 2:40 | 3:00 | Update on thermal sprayed functional oxides | Sanjay Sampath |
| ADJOURN | | | |