## **M&P2005 PROGRAM AT A GLANCE**

| SUNDAY, June 19                                   |   |  |   |   |  |  |  |
|---|---|--|---|---|--|--|--|
|   | 6:00-18:00 Registration   |  |   |   |  |  |  |
| 18:00   | Welcome Reception   |  |   |   |  |  |  |
|   |   |  |   |   |  |  |  |
|   | Room A  | Room B   | Room C  | Room D  |  |  |  |
|   |   | MONDAY, Jun  | e 20  |   |  |  |  |
| 8:20  | Opening Address   |  |   |   |  |  |  |
| 8:30  | Otani Memorial Lecture  | Macroscopic and Microscopic  |   | Behavior of Materials, T.   |  |  |  |
|   | Shioya, The University of Tokyo   |  |   |   |  |  |  |
| 9:15  | Plenary Lecture I   | Plenary Lecture I: Composite Materials for the 7E7, A. Miller & P. Stickler, The Boeing Company  Coffee Break                                  |   |   |  |  |  |
| 10:00   | PMC-I: Polymers and   | Coffee I   | ICS-I: Interfaces and   | MMC-I: Metals and Metal   |  |  |  |
|   | Polymer Matrix Composites   | CAS-I: Advanced Casting  | Contact Surface Mechanics   |   |  |  |  |
| 12:00   | 1 Olymer Wathx Composites   | Lund   |   | Matrix Composites   |  |  |  |
| 13:30   | DMO III Daharana and  | CAC III. Advanced Ception  | IOO III laterfaces and  | MMO II. Matala and Matal  |  |  |  |
|   | PMC-II: Polymers and  | CAS-II: Advanced Casting MEP-I: Mechanical Processing  | ICS-II: Interfaces and  | MMC-II: Metals and Metal  |  |  |  |
|   | n orymer waths composites   | _  |   | matrix composites   |  |  |  |
| 15:30   | DMO III D I   | Coffee I   |   |   |  |  |  |
|   | PMC-III: Polymers and Polymer Matrix Composites   | MEP-II: Mechanical   | APP-I: Advanced Powder  | CMC-I: Ceramics and Ceramic Matrix Composites                             |  |  |  |
| 18:00   | Polymer Matrix Composites   | End  | Processing Technique  | Ceramic Matrix Composites   |  |  |  |
| 19:00   | Executive Committee Meeting (Members only)  |  |   |   |  |  |  |
|   |   |  | <b>3</b> ,  |   |  |  |  |
|   |   |  |   |   |  |  |  |
|   |   | TUESDAY, Jur   | ne 21   |   |  |  |  |
| 8:30  | Short Oral Presentation   | Short Oral Presentation for  |   |   |  |  |  |
| 0.20  | for Posters (I)   | Posters (II)   | ad Coffee Breek   |   |  |  |  |
| 9:30<br>10:15                                     | Poster Session and Coffee Break  Plenary Lecture II: Manufacturing at Multi-Scales, Jian Cao, Northwestern University |  |   |   |  |  |  |
| 11:00   | Short Break   |  |   |   |  |  |  |
| 11:15   |   | Keynote-II: Testing Epoxy  | Keynote III: The Current  | Keynote IV: Present and   |  |  |  |
|   | Keynote-I: Ionomeric-Ionic  | Resin with the Tensile and   | Status of Superplastic  | Future of Semi- Solid   |  |  |  |
|   | Liquid Soft Transducers, D.   | Torsional Split Hopkison Bar   | Forming Manufacturing in  | Forming of High   |  |  |  |
|   | J. Leo, Virginia Polytechnic  | Techniques at Various  | the United States, D. G.  | Temperature Alloys, P.  |  |  |  |
|   | and State University  | Temperatures, A. Gilat, Ohio   | Sanders, The Boeing   | Kapranos, TheUniversity of  |  |  |  |
| 12:00   |   | State University Lunc  | Company   | Sheffield   |  |  |  |
|   | SMS-I: Smart Materials and  |  | SUP-I: Superplastic   | IMP-I: Impact Behavior of   |  |  |  |
|   | Structures, NDE   | and Bonding  | Forming   | Materials and Structures  |  |  |  |
| 15:30   |   | Coffee I   | Break   |   |  |  |  |
|   | SMS-II: Smart Materials   | PLF-I: Plastic Forming and   |   | IMP-II: Impact Behavior of  |  |  |  |
| 18:30   | and Structures, NDE   | Advanced Products  | Processing Technique  | Materials and Structures  |  |  |  |
|   |   | Dinner Cruice Rearding at Dior   | 55 (Hotel Lobby at 18:00)   | Dinner Cruise Boarding at Pier 55 (Hotel Lobby at 18:00)  Dinner Cruise   |  |  |  |
|   |   |  |   |   |  |  |  |
| 19:00   |   | Dinner (   | Cruise  |   |  |  |  |
|   |   |  | Cruise  |   |  |  |  |
| 19:00   |   | Dinner (   | Cruise  |   |  |  |  |
| 19:00   |   | Dinner (   | Cruise<br>d   |   |  |  |  |
| 19:00<br>22:00<br>8:30                            | SMS-III: Smart Materials  | Dinner ( End  WEDNESDAY, J  PLF-II: Plastic Forming and  | une 22 CSW-I: Coating, Surface  | CMC-II: Ceramics and  |  |  |  |
| 19:00<br>22:00<br>8:30                            | SMS-III: Smart Materials and Structures, NDE  | Dinner ( End  WEDNESDAY, J  PLF-II: Plastic Forming and Advanced Products  | une 22 CSW-I: Coating, Surface Modification and Wear  | CMC-II: Ceramics and Ceramic Matrix Composites                            |  |  |  |
| 19:00<br>22:00<br>8:30<br>10:00                   | and Structures, NDE   | WEDNESDAY, J PLF-II: Plastic Forming and Advanced Products Coffee I  | une 22  CSW-I: Coating, Surface  Modification and Wear  Break   | Ceramic Matrix Composites   |  |  |  |
| 19:00<br>22:00<br>8:30<br>10:00<br>10:30          | and Structures, NDE  SMS-IV: Smart Materials  | WEDNESDAY, J PLF-II: Plastic Forming and Advanced Products Coffee I PLF-III: Plastic Forming and   | une 22  CSW-I: Coating, Surface Modification and Wear Break  CSW-II: Coating, Surface   | Ceramic Matrix Composites  PMC-IV: Polymers and                           |  |  |  |
| 19:00<br>22:00<br>8:30<br>10:00<br>10:30          | and Structures, NDE   | WEDNESDAY, J PLF-II: Plastic Forming and Advanced Products Coffee I  | une 22  CSW-I: Coating, Surface Modification and Wear Break  CSW-II: Coating, Surface Modification and Wear   | Ceramic Matrix Composites   |  |  |  |
| 19:00<br>22:00<br>8:30<br>10:00<br>10:30<br>12:00 | and Structures, NDE  SMS-IV: Smart Materials  | WEDNESDAY, J PLF-II: Plastic Forming and Advanced Products Coffee I PLF-III: Plastic Forming and Advanced Products Lunc NTM-I: Non Traditional | une 22  CSW-I: Coating, Surface Modification and Wear Break  CSW-II: Coating, Surface Modification and Wear ch  CSW-III: Coating, Surface   | PMC-IV: Polymers and Polymer Matrix Composites  PMC-V: Polymers and       |  |  |  |
| 19:00<br>22:00<br>8:30<br>10:00<br>10:30<br>12:00 | and Structures, NDE  SMS-IV: Smart Materials and Structures, NDE  | WEDNESDAY, J PLF-II: Plastic Forming and Advanced Products  Coffee I PLF-III: Plastic Forming and Advanced Products  Lunc                      | une 22  CSW-I: Coating, Surface Modification and Wear Break  CSW-II: Coating, Surface Modification and Wear  CSW-III: Coating, Surface Modification and Wear  CSW-III: Coating, Surface Modification and Wear | Ceramic Matrix Composites  PMC-IV: Polymers and Polymer Matrix Composites |  |  |  |