

**2016 INTERNATIONAL SYMPOSIUM ON
3D POWER ELECTRONICS INTEGRATION & MANUFACTURING**

| | 13-Jun-16 MONDAY | 14-Jun-16 TUESDAY | 15-Jun-16 WEDNESDAY |
|--------------------|--|---|--|
| 8:00 AM - 9:55 AM | <p align="center">TUTORIALS THE WORLD OF PACKAGING TECHNOLOGIES and THE CRITICAL ISSUES</p> <p>3D Power Electronics & Additive Mfg. by Dr Douglas Hopkins</p> <p>Materials & Assembly for 3D Integration by Dr Guo-Quan (GQ) Lu</p> <p>Thermal & Reliability Issues in 3D Integration by Dr Patrick McCluskey</p> | <p align="center">PLENARY ROAD MAPPING Ernier Parker (Crane), Chair</p> <p><i>Invited Speakers:</i> Chuck Richardson (iNEMI) Braham Ferrera (DELFT) Bill Chen (CPMT)</p> | <p align="center">MANUFACTURABILITY Jared Hornberger (Wolfspeed), Chair</p> <p><i>Keynote Invited Speakers:</i> TBA</p> <p><i>Accepted Lectures:</i> Joseph Kozak (Pitt) Lee Smith (UTAC)</p> |
| 9:55 AM - 10:20 PM | | Break | Break |
| 10:20 AM - 12:15PM | | <p align="center">MULTIPHYSICS MODELING & SIMULATION Zhenxian Liang (ORNL), Chair</p> <p><i>Keynote Invited Speakers:</i> TBA (Mentor Graphics)</p> <p><i>Accepted Lectures:</i> Fei Yang (UTK)</p> | <p align="center">QUALITY & RELIABILITY Patrick McCluskey (UMD), Chair</p> <p><i>Keynote Invited Speakers:</i> Craig Hillmann ()</p> <p><i>Accepted Lectures:</i> Nathan Valentine ()</p> |
| 12:15 PM - 1:15 PM | Lunch - Tutorial Attendees (Networking) | Lunch (Networking) | Lunch (Networking) |
| 1:15 PM - 3:10 PM | <p align="center">ADDITIVE MANUFACTURING Ola Harrysson (NCSU), Chair Govindarajan Muralidharan (ORNL), Co-Chair</p> <p><i>Keynote Invited Speakers:</i> Madhu Chinthavali (ORNL)</p> <p><i>Accepted Lectures:</i> Yasmine Yan (VT) Tong Wu (ORNL)</p> | <p align="center">MATERIALS Thomas Lai (Ford), Chair</p> <p><i>Keynote Invited Speakers:</i> Katsuaki Sugauma (Osaka)</p> <p><i>Accepted Lectures:</i> Patrick McCluskey (UMD)</p> | <p align="center">PASSIVE COMPONENTS Khai Ngo (VT), Chair</p> <p><i>Keynote Invited Speakers:</i> Charlie Sullivan (Dartmouth)</p> <p><i>Accepted Lectures:</i> John Bultitude (Kemet)</p> |
| 3:10 PM - 3:35 PM | Break | Break | |
| 3:35PM - 5:30PM | <p align="center">THERMAL MANAGEMENT & SYSTEMS INTEGRATION Sreekant Narumanchi (NREL), Chair</p> <p><i>Keynote Invited Speakers:</i> Eric Dede () Brij Singh ()</p> <p><i>Accepted Lectures:</i> Ercan Dede (Toyota) Sreekant Narumanchi (NREL) Miao Wang () Theodore Harris (NCSU)*</p> | <p align="center">EMBEDDED COMPONENTS Paul McCloskey (), Chair</p> <p><i>Keynote Invited Speakers:</i> Cian O'Mathuna () Brian Narveson (PSMA)</p> <p><i>Accepted Lectures:</i> Greg Miller (Sarda Tech)</p> | <p>Break (Networking)</p> <p>NCSU LAB TOURS PREES PACKAGING ADD MFG & LOGISTICS CTR</p> |
| 5:30 PM - 7:30 PM | WELCOME RECEPTION DIALOGUE(*) PRESENTATIONS & VENDOR EXHIBITS | NETWORKING RECEPTION DIALOGUE(*) PRESENTATIONS & VENDOR EXHIBITS | |