

SAMPE UK and Ireland Chapter Annual Seminar and Table Top Exhibition

Intelligent Composites Design and Manufacture

- 10:00 Seminar opens: Welcome/ Introduction** **Andy Long, SAMPE UKIC Chapter Chair**
- 10:05 Keynote Speaker: Resin Infusion Material Developments for Integrated Structures**
Sebastien Greber, Solvay
- 10:30 Developments in composite drape simulation by the incorporation of AI techniques**
Shashitha Kularatna/ Carwyn Ward, University of Bristol
- 10:55 Coffee Break, networking and table top exhibition**
- 11:25 From Scrap to Structure: Changing Perception of Waste** **Ross Key, Solvay**
- 11:50 PROSEL: An Online Design Tool for High Performance Composites Materials and Process Selection**
Andrew Mills, Cranfield University
- 12:15 Future-proofing UK Composite Manufacturing** **Amit Visroliya, NCC**
- 12:40 Lunch, including SAMPE UK and Ireland Chapter's AGM at 13:30**
- 14:00 Developing the Floor-Pan for the BMW i5**
Antony Dodworth, Brite Lite Structures
- 14:25 The EPSRC Future Composites Research Hub**
Andy Long, University of Nottingham
- 14:50 Tea Break, networking and table top exhibition**
- 15:20 Advanced Automated Tape Laying with Fibre Steering Capability using Continuous Tow Shearing (Student Seminar winner)**
Evangelos Zypeloudis, University of Bristol
- 15:45 Augmented learning for high dexterity manufacturing**
Dennis Crowley, University of Bristol
- 16:10 Tour of AMB facilities; the Seminar closes at 17:00**

Wednesday, 7th February 2018
Jubilee Campus, University of Nottingham