

**International Workshop  
Design and Manufacturing of Advanced Composite Structures  
for Automated Production  
AGENDA**

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**SEPTEMBER 17, 2014**

**09:00-18:00**

- 09-00    *Registration, Opening, Welcome coffee/tea break*  
09-30    Skoltech Welcome Speech  
10-00    Zafer Gurdal / **Skoltech, Russia** / CREI ASPEM Introduction

### **Universities and Research institutions**

- 10-30    Damiano Pasini / **McGill University, Canada** / *"The impact of gaps and overlaps on AFP composite structures: Prediction models, optimum design and supporting experiments"*  
10-50    Mostafa Abdalla / **TU Delft, Netherlands** / *"Topology optimization of steered fiber laminates"*  
11-10    *Coffee Break*  
11-30    Michel van Tooren / **University of South Carolina, USA** / *Title of presentation to be confirmed*  
11-50    Martin Nagelsmit / **NLR, Netherlands** / *"Manufacturing challenges of non-conventional composite laminates"*

### **Hardware**

- 12-10    Michael Muser / **Ingersoll, USA** / *Title of presentation to be confirmed*  
12-30    **Mtorres, Spain** / *Speaker and title of presentation to be confirmed*  
13-00    *Lunch*  
14-00    Bernard Laberge / **Coriolis Composites, Canada** / *Title of presentation to be confirmed*  
14-20    Samoil Samak / **MIKROSAM A.D., Macedonia** / *"Combining AFP and ATL manufacturing technologies for the best composite performances"*  
14-40    **FANUC Robotics, Russia** / *Speaker and title of presentation to be confirmed*  
15-00    *Speaker and title of presentation to be confirmed*  
16-30    *Discussion*
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**SEPTEMBER 18, 2014**

**09:00-18:00**

09-00 *Welcome coffee/tea break*

## **Software**

09-30 Massimiliano Moruzzi / **Magestic Systems Incorporated, USA** / *"Solution for Automated material Layup"*

09-50 Sergey Morozov / **DATADVANCE, Russia** / *"Hierarchical optimization of composite structures"*

10-10 Michael Muser / **Ingersoll Cutting Tools, USA** / *Title of presentation to be confirmed*

10-30 **Siemens** / *Speaker and title of presentation to be confirmed*

10-50 **Dassault Systemes, France** / *Speaker and title of presentation to be confirmed*

11-10 *Coffee Break*

11-30 **Mtorres, Spain** / *Speaker and title of presentation to be confirmed*

11-50 Bernard Laberge / **Coriolis Composites, Canada** / *Title of presentation to be confirmed*

12-10 Samoil Samak / **MIKROSAM A.D., Macedonia** / *"Using a single software solution for all fiber and tape placement machines – MikroPlace"*

## **Industrial Users**

12-30 Andries Buitenhuis / **Fokker Technologies, Netherlands** / *"Using AFP for thermoplastics"*

12-50 Valery Levshakov / **Shipbuilding & Shiprepair Technology Center, Russia** / *"Automated technologies for composite shipbuilding"*

13-10 *Lunch*

14-10 Dmitry Masaylo / **FSUE Central Research Institute Of Structural Materials "Prometey", Russia** / *"Manufacturing of metalpolymeric roll magnetic screens with automated amorphous tape laying technology"*

14-30 Gennady Borof / **National Institute of Aviation Technologies (NIAT), Russia** / *"Experience in design and manufacturing of composite structures using automated winding and laying technologies"*

14-50 *Speaker and Title of presentation to be confirmed*

15-10 *Speaker and Title of presentation to be confirmed*

15-30 *Speaker and Title of presentation to be confirmed*

16-00 *Discussion*

18-00 *Dinner*

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**SEPTEMBER 19, 2014**

**09:00-16:00**

09-00 *Welcome coffee/tea break*

## **Material Producers**

09-30 Balazs Zsigmond / **HC Composites, Russia** / *“Development and Implementation of Advanced Composite Material Technologies and Structures in “Composite” Holding Company”*

09-50 Speaker 2

10-10 Speaker 3

10-30 Speaker 4

11-00 *Coffee Break*

11-30 Speaker 5

11-50 Speaker 6

12-10 Speaker 7

12-30 *Lunch*

13-30 *Q&A Session – Conference wrap-up*

14-00 *Discussion*

[Currently additional presentations are being confirmed with **MAG Industrial Automation Systems, Automated Dynamics, Hexcel, TenCate, Freespace Composites, Cytec Industries Inc., Chomarac Composites and Toray Industries Inc.**]