



3rd ICONIC Summer School – *Design and optimisation of composite structures*

11-14th June 2019, DLR Stuttgart and Augsburg (Germany)

Tuesday, 11th June 2019

Time	Description	Presenter	Venue
14:00 - 14:30	<i>Registration / Tea and Coffee</i>		
Transferable skills training for ESRs only			
14:30 – 17.00	Dassault Systèmes: presentation on the use of optimisation tools and simulating lifecycle management	DS - Daniel Kurfess	Maria Gräfin v. Linden (Hörsaal) room

Wednesday, 12th June 2019

Time	Description	Presenter	Venue
Transferable skills training for ESRs only – IPR, technology transfer, commercialisation and entrepreneurship			
11:15 - 12:00	<i>Registration / Tea and Coffee</i>		
12:00 - 12:15	Welcome and opening of 3 rd ICONIC Summer School	Queen's University Belfast - Prof. Brian Falzon DLR - Dr. Nathalie Toso	Maria Gräfin v. Linden (Hörsaal) room
12:15 - 13:00	IPR and technology transfer	DLR - Stefan Burauer	Maria Gräfin v. Linden (Hörsaal) room
13:00 - 14:00	<i>Lunch buffet</i>		
Technical programme			
14:00 - 16:00	The Challenges of Developing, Designing and Certifying The CSeries Composite Wing	Bombardier - Stephen McBurney	Maria Gräfin v. Linden (Hörsaal) room
16:00 - 16:15	Tea and Coffee		
16:15 - 17:15	Topology optimization techniques and their application for design of composite fuselage structures	University of Leeds - Ozz Querin	Maria Gräfin v. Linden (Hörsaal) room
18:30	<i>Summer School Dinner at Wichtel</i>		

Thursday, 13th June 2019

Time	Description	Presenter	Venue
9:00 - 9:30	<i>Tea and Coffee</i>		
9:30 - 10:45	Joining large-scale, light-weight composite structures using Digital Twin Technology	University of Limerick - Eoin Hinchy	Maria Gräfin v. Linden (Hörsaal) room
10:45 - 11:00	<i>Tea and Coffee</i>		



11:00 - 12:00	ESR Council		Maria Gräfin v. Linden (Hörsaal) room
12:00 - 12:45	<i>Lunch break</i>		
13:00 – 13:45	FlexCAR – A Technology Platform Concept for the Future Cyberphysical Vehicle at the Research Campus ARENA2036	Daimler - Julian Schäfer	Maria Gräfin v. Linden (Hörsaal) room
13.45 - 18:00	Suggested: Mercedes-Benz Museum		

Friday, 14th June 2019

<i>Time</i>	<i>Description</i>	<i>Presenter</i>
Visit to DLR Augsburg (Center for Lightweight Production Technology)		
8:00 - 10:30	Bus transfer from DLR Stuttgart to DLR Augsburg site	
11:00 - 11:15	Welcome and introduction of DLR Augsburg	DLR Augsburg - Nicole Waibel,
11:15 – 11.45	Factory of the future	DLR Augsburg - Dr. Roland Glück,
11.45 – 12.15	Automated process chain - the production of a CFRP rear pressure bulkhead	DLR Augsburg, Christoph Frommel
12:15 - 13:00	<i>Lunch break</i>	
13:00 - 13:30	Thermoplastic composite technology	DLR Augsburg – Dr. Frederic Fischer.
13:30 - 14:30	Tour of DLR Augsburg facility	
14:30 - 15:00	Tea and Coffee	
15:00 - 17:30	Bus transfer back to DLR Stuttgart	

Meeting location:

DLR Stuttgart

Institut für Bauweisen und Strukturtechnologie
Pfaffenwaldring 38-40
70569 Stuttgart
[Google maps link](#)

DLR Augsburg

Zentrum für Leichtbauproduktionstechnologie
Am Technologiezentrum 4
86159 Augsburg
[Google maps link](#)