



2nd ICoNIC Summer School - *Virtual testing and design of composite structures*

27-29th August 2018, The Graduate School, Queen's University Belfast (United Kingdom)

Monday, 27th August 2018

<i>Time</i>	<i>Description</i>	<i>Presenter</i>
8:30 - 9:15	<i>Registration / Tea and Coffee</i>	
Transferable skills training for ESRs only - Room TR7		
9:15 - 9:30	Opening of the Summer School and welcome from the Coordinator	Queen's University Belfast - Prof. Brian Falzon
9:30 - 11:15	Public communication workshop - Part 1	Channel56 - Angelina Fusco and Malachi O'Doherty
11:15 - 11:30	Tea and Coffee	
11:30 - 13:15	Public communication workshop - Part 2	Channel56 - Angelina Fusco and Malachi O'Doherty
13:15 - 14:15	<i>Lunch buffet</i>	
Social activity		
14:30 - 15:30	Transfer to Bombardier	
15:30 - 17:30	Guided tour of Bombardier wing facility	
17:30 - 18:15	Transfer back to QUB	
18:45	<i>Dinner: 3 level Asian Fusion (31 University Road, Belfast BT7 1NA)</i>	

Tuesday, 28th August 2018

<i>Time</i>	<i>Description</i>	<i>Presenter</i>
8:30 - 9:00	<i>Tea and Coffee</i>	
Career development workshop for ESRs only - Room TR6		
9:00 - 9:05	Introduction	Queen's University Belfast - Prof. Brian Falzon
9:05 - 10:20	Skills analysis to identify strengths and potential gaps - Analysis of LPI 360 reports and development of plans for future skills training	Queen's University Belfast Graduate School staff
10:20 - 10:45	<i>Tea and Coffee</i>	
10:45 - 11:45	Transition from PhD to employment for Engineers	Catalyst Inc. - Steve Orr



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11:45 - 11:55	<i>Short break</i>	
11:55 - 12:15	Case study: Experience of company engineer coming from academia	Red Bull Technology - Dr. Andrea Faggiani
12:15 - 12:35	Case study: Experience of academic lecturer having worked in industry	Queen's University Belfast - Dr. Declan Nolan
12:35 - 13:00	Panel discussion on career experience pathways	Queen's University Belfast - Prof. Brian Falzon
13:00 - 14:00	<i>Lunch buffet</i>	
Technical programme for all participants - Room TR6		
14:00 - 15:00	Analysis models for polymer composites at different length scales	University of Porto - Prof. Pedro Camanho
15:00 - 15:30	<i>Tea and Coffee</i>	
15:30 - 16:30	Virtual Testing at Airbus - The A350 Success Story	Airbus - Dr. Michel Mahé
16:30 - 16:45	<i>Short break</i>	
16:45 - 18:00	ESR Council Meeting	ESRC members
19:00	<i>Dinner: Shu Restaurant (253 Lisburn Road, Belfast BT9 7EN)</i>	

Wednesday, 29th August 2018

<i>Time</i>	<i>Description</i>	<i>Presenter</i>
8:00 - 8:45	<i>Registration / Tea and Coffee</i>	
Technical programme for all participants - Room TR6		
8:45 - 9:30	Overview of virtual tools Rolls-Royce uses for composite materials, and perceived needs	Rolls-Royce - Frank Kirkland
9:30 - 10:00	<i>Tea and Coffee</i>	
10:00 - 10:45	Virtual Testing of Composites: Adding value in the Aerospace industry	GKN Aerospace: Fokker - Bas Tijs
10:45 - 11:00	<i>Short break</i>	
11:00 - 11:45	Panel discussion	Queen's University Belfast - Prof. Brian Falzon
11:45 - 12:30	<i>Lunch buffet</i>	

Meeting location:

The Graduate School

Queen's University Belfast

University Road

Belfast BT7 1NN

[Google maps link](#)