

# Renewables Sector Showcase

Thursday 11 October 2018, Glasgow Caledonian University

## Venue

The Lantern Suite  
The Hamish Wood Building  
Glasgow Caledonian University  
Cowcaddens Road  
Glasgow  
G4 0BA

Tel: +44 (0)141 331 3000

## Travel

How to get there:

<https://www.gcu.ac.uk/theuniversity/howtofindus/>

**Parking:** Parking is just opposite on Concert Square car park - £7 per day if you validate your ticket on campus.

The height restriction is 1.9m.

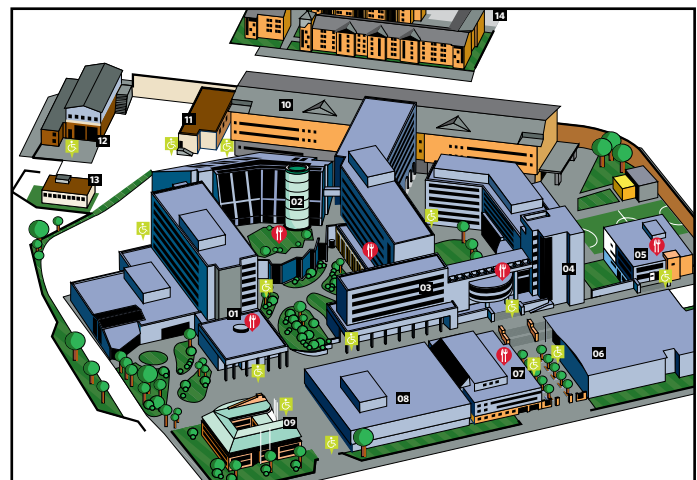
Concert Square Car Park, 97 Cowcaddens Road, Cowcaddens, Glasgow G4 0DE

**Rail:** Glasgow Central (0.6 miles, 12 minute walk)  
Glasgow Queen Street (0.4 miles, 9 minue walk)

## Accommodation

Glasgow Caledonian University has partnered with multiple local hotels to offer you the best rate.

<https://www.gcu.ac.uk/theuniversity/howtofindus/hotels/>



The Hamish Wood Building is no. 1 on the above map.



## Sponsors and Exhibitors



Table-top exhibition spaces are available at a price of £275 +VAT for Composites UK members and £450 +VAT for non-members.

This includes one free delegate place, the table, chairs, social media posts by Composites UK announcing your involvement and your logo on the event flyers/e-shots/programme.

Contact us to book on [events@compositesuk.co.uk](mailto:events@compositesuk.co.uk).

This event has been approved for Professional Development by the Institute of Materials, Minerals and Mining

# Programme

Renewables Showcase, 11th October 2018, Glasgow

09:30 Registration

10:00 Welcome and Housekeeping

10:05 An Introduction to Composites UK  
**Stella Job, Composites UK**

## Overview & Industry Standing

10:15 Overview of the Scottish Renewable Energy Sector  
**Jenny Hogan, Scottish Renewables**

10:30 Challenges for Composites in the Offshore Wind Industry  
**John Ransford, KTN**

10:50 Sailing into Wind Energy  
**John Walker, ACT Blade Ltd**

11:15 BREAK

## Manufacturing and Design

11:50 Pultruded Components for Blade Sparcaps – An Assessment on Business Case and Technical Challenges  
**Rakesh Raj, STRUCTeam**

12:10 The Low-Cost Development of a Niche 3kW Composite Wind Turbine Blade  
**Warren Leigh, High Peak Courses**

12:30 Manufacture of Large Structures by Direct Infusion  
**Stephen Leonard-Williams, Composite Integration**

12:50 LUNCH

## Inspection, Repair and Recycling

13:50 The Inspection, Repair and Decommissioning of Wind Turbine Blades  
**Steven Lindsay, Renewable Advice**

14:10 Is Wind Turbine Decommissioning an Opportunity for a More Circular Composites Sector?  
**Scott Bryant, Zero Waste Scotland**

14:30 ORE Catapult and Tools to Improve Leading Edge Erosion Coatings  
**Dr. Kirsten Dyer, ORE Catapult**

15:00 Quantitative Inspection of Wind Turbine Blades using UAV Deployed Photogrammetry  
**Kenneth Burnham, AFRC, University of Strathclyde**

15:20 Requirements for Robust Certification of Tidal Turbine Blade Fatigue Performance: Outlook for the Next Decade  
**Dr. Jeffrey Steynor & Prof. Conchúr Ó Brádaigh, University of Edinburgh**

15:40 CLOSE

## Delegate List (Correct as of 09/10/18)

Imad Ouachan	ACCIS Bristol
John Walker	ACT Blade Ltd
Kenneth Burnham	AFRC, University of Strathclyde
Liu Yang	AFRC, University of Strathclyde
Simon Leslie	AFRC, University of Strathclyde
Tobias Weis	AFRC, University of Strathclyde
Jim Hamilton	Balmoral Comtec Ltd
Dominik Inschlag	Berndorf Band Engineering
Onuh Adole	Brunel University/Asset International
Jenny Readman	Centre for Process Innovation
Trevor Hinchcliffe	Centre for Process Innovation
Stephen Leonard-Williams	Composite Integration
Claire Whysall	Composites UK
Stella Job	Composites UK
Richard Rawson	Gurit (UK) Limited
Pamela McEwen	Haydale
Warren Leigh	High Peak Courses
Nigel Clifford	iSpec Limited
John Ransford	KTN
Koichi Nakamura	Mitsubishi Heavy Industries Europe
Nigel Keen	National Composites Centre
Gavin Burrows	National Physical Laboratory
Peter Thayer	NDE Research Association
Kirsten Dyer	ORE Catapult
Steven Lindsay	Renewable Advice
Jenny Hogan	Scottish Renewables
Rakesh Raj	STRUCTeam Ltd
Ana Perroni Laloe	Synthomer (UK) Limited
David Ring	Synthomer (UK) Limited
Thom Shannon	UK Flowtechnik
Robbie Herring	University of Bristol
Jeffrey Steynor	University of Edinburgh
Conchúr Ó Brádaigh	University of Edinburgh
Peter Garrett	Vestas Technology UK
Scott Bryant	Zero Waste Scotland