

SUSTAIN Engagement Event December 2019

09:30 - 09:50	Arrival and Registration	Marble Hall
10:00 - 10:20	Opening and Welcome - Prof D Worsley	Kohn Centre
10:20 - 10:40	Speaker - Gareth Stace	Kohn Centre
10:50 - 11:20	Task Displays and Refreshments	Marble Hall
11:30 - 12:20	Existing Projects Elevator Pitch from Task PL's	Kohn Centre
12:20 - 13:05	Lunch, Networking and Task Displays	Wolfson Rooms, Marble Hall and Kohn Centre
13:10 - 14:10	Grand Challenge Workshops GCRA1 (Scoping Session) GCRA2a (Retaining Embedded Value of Steels)	Kohn Centre Wolfson Room 2
14:15 - 14:30	Refreshments	Marble Hall
14:40 - 15:40	Grand Challenge Workshops GCRA1 (Scope Development) GCRA2b (Steel as a Service)	Kohn Centre Wolfson Room 2
15:50 - 16:00	Final Remarks and Meeting Close - Prof D Worsley	Kohn Centre

Task information

Task 1 - Enrico Andreoli

Task 2 - Peter Holliman

Task 3 & Task 7 - Zushu Li

Task 4 - Jan Godsell

Task 5 - Michael Auinger

Task 6 - Cameron Pleydell-Pearce

Task 8 - Claire Davis

Project Posters displayed in
Wolfson 2 and Kohn Centre

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Grand Challenge Workshops

GCRA1 - Materials, Resources and Energy: part 1 - Richie Hart & Louis Brimacombe

- UK Steel industry: Scene setting
- Disruptive Steel Technology for Steel Plant of 2050
 - Materials
 - Energy & Gasses
 - Zero Net Carbon
 - Zero Waste

GCRA2a - Sustainable Metallurgy and Surfaces

Lead speaker - Rhys Charles

- Material Performances vs. Process Control
- Novel Steel Processing
 - Purification
 - Liquids
 - Solidification
 - Surfaces
- Can surface modification be sustainable

GCRA1 - Materials, Resources and Energy: part 2 - Louis Brimacombe & Richie Hart

- Scope development
- Alignment of academics and industrialists
- Industrial Symbiosis

GCRA2b - Steel as a Service

Lead speaker - Eoin Bailey

- Outward looking & sector driven
- Properties of interest
- Material tracking and identification