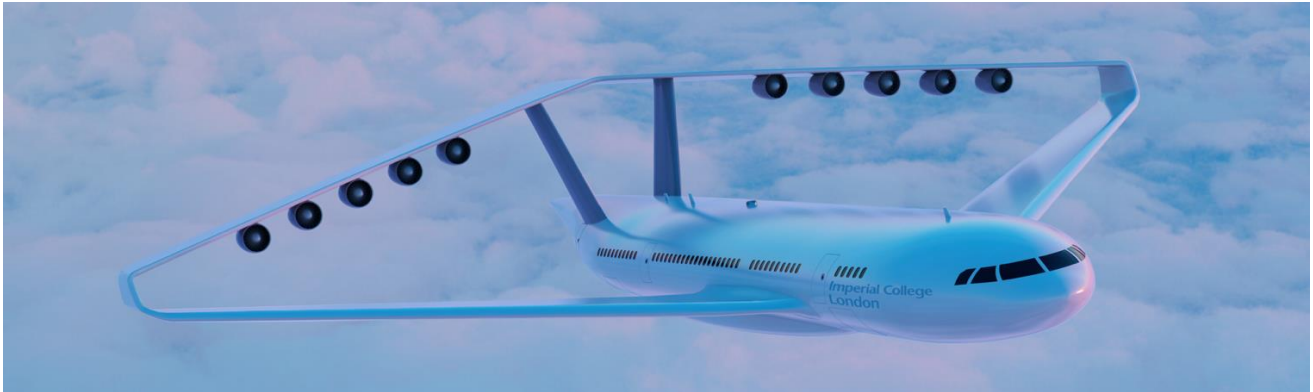


Structural Power Composites Research Showcase

12:00–19:00 BST, Monday 10th June 2024

Royal Academy of Engineering, Prince Phillip House, London, SW1Y 5DG



Engage with the world-leading research groups in structural power composites

A new class of multifunctional composites, structural power composites, that can simultaneously carry mechanical load whilst storing electrical energy are being developed. These composites merge lightweighting and energy storage to deliver ‘massless energy’, offering a novel way of using structural materials, leading to exciting opportunities to innovate. We anticipate structural power composites will provide a fresh perspective and substantial benefits to a range of applications from sustainable transportation to portable electronics. Further details of this technology can be found on the [Structural Power Composites website](#).

To inform industry, stakeholders, and policymakers about the latest advancements in this emerging field, we are holding an industrial showcase. The event is funded by Professor Greenhalgh’s RAEng Chair in Emerging Technologies and will bring together international leaders in structural power composites and their researchers. The benefits and potential of this technologies will be outlined alongside the critical challenges that need to be overcome. The event will combine a poster display of current research, presentations from leading academics and industrial experts, and panel sessions to discuss the challenges, opportunities and potential adoption routes. We anticipate this event will offer interested organisations the opportunity to interact directly with researchers working in this field.

12:00	Lunch – Registration & Posters	14:30	Coffee - Posters
13:00	<i>Introduction to the Showcase</i> Professor Emile Greenhalgh (Imperial College)	15:30	<i>Topical sessions - 20 mins each</i> Chair: Professor Alexander Bismarck, (University of Vienna)
13:15	<i>Setting the scene – Structural Supercapacitors</i> Professor Emile Greenhalgh (Imperial College)	17:00	<i>Panel discussion / Q&A</i> Chair: Professor Leif Asp (Chalmers University)
13:45	<i>Setting the scene – Structural Batteries</i> Professor Leif Asp (Chalmers University)	17:45	<i>Summary and Close</i> Professor Dan Zenkert (KTH)
14:15	<i>Industry perspective</i> Professor Faye Smith OBE (Avalon)	18:00	Drinks Reception



[Professor Greenhalgh](#),
Imperial College
London



[Professor Asp](#),
Chalmers University,
Gothenburg



[Professor Zenkert](#),
KTH,
Stockholm



[Prof Bismarck](#),
University of Vienna



[Dr Fam](#),
IMRE, Singapore



[Dr Shirshova](#),
Durham University

The event is free and open to industry and stakeholders with an interest in structural power composites

To register to attend, please visit our [event page](#), or scan the QR code.

