

UK CMC Forum 2025 – Advanced Materials

Time	Topic	Organisation	Speaker(s)
09:00-09:30	Registration and Introduction		
09:30-09:45	Ceramic Matrix Composites for Fusion: Addressing Scientific and Engineering Challenges	UKAEA	James Wade
09:45-10:00	UHT-MaT and High Temperature Material Testing at UKAEA	UKAEA	David Hancock
10:00-10:15	CMCs at NCC: Shaping the Future of High Temperature Materials	NCC	Virtudes Rubio
10:15-10:30	Thermal Processing Equipment for CMC's, the Challenges & Solutions for Consistent Part Quality	Carbolite Gero Ltd & NCC	Tom Gould & Jacob Goodenough
10:30-10:45	Morning Comfort Break		
10:45-11:00	Competitive CMC From Fibre to Finished Part - Driving Cost Out of Supply Chain	3M	John Phipps
11:00-11:15	Unlocking Low-Cost CMC Manufacturing	Cranfield University	Geoffrey Neale
11:15-11:30	NDT Technologies	TWI	Kandarp Amin
11:30-11:45	Ceramic Matrix Composite – Processing Capability & Solutions	Slingsby Advanced Composites	Jevon Hynds & Michael Vincent
11:45-12:00	Fabricating CMC Prepregs & Demonstrator parts for U.K. Defence, Aerospace, & Nuclear applications	Cross Manufacturing	Talha Pirzada
12:00-13:00	Networking Lunch and Micro Exhibition		
13:00-13:15	Comprehensive Development and Design of CMC	University of Augsburg	Dietmar Koch
13:15-13:30	Status of French Research on CMCs	University of Bordeaux	Gerard Vignoles
13:30-13:45	Status of Italian Research on CMCs	Politecnico di Torino	Monica Ferraris
13:45-14:00	SILAFIL and KERAMAN: European SiC Fibers and CMCs – An Overview	BJS Ceramics GmbH	Werner Humbs
14:00-14:15	Rapid CVI (r-CVI): Faster Paths to Dense Ceramic-Matrix-Composites	CVT GmbH & Co. KG	Matthias Meiser
14:15-14:30	Afternoon Comfort Break		
14:30-14:45	Carbeon C/C-SiC: A Scalable, Cost-Effective CMCs for High-Temperature Applications	Arceon	Rahul Shirke
14:45-15:00	Research and Development of UHTCMCs for Extreme Environments	National Research Council of Italy – CNR	Diletta Sciti & Luca Zoli
15:00-15:15	Graded CMCs	University of Birmingham	Jon Binner
15:15-15:30	From Fibre to Coated CMC – Industrial Process Chain @ Fraunhofer HTL	Fraunhofer HTL	Arne Rudinger
15:30-15:45	Increasing the Volume: How Infusion Fabrication Enables Oxide CMC Serial Applications	FOX Composites	Vito Leisner
15:45-16:00	Light, Hot, Durable – Applications enabled by Oxide Ceramic Matrix Composites	Walter E.C. Prizkow Spezialkeramik	Valerie Dosch
16:00	Event Close		
16:00-17:00	Optional NCC Workshop Tour	NCC	Dave King
19:00	Optional Networking Dinner @ '4500 Miles from Delhi', Bristol		