



SAMPE Japan 先端材料技術協会 京都国際会議 2023

JISTES 2023 KYOTO

***Composites for Aerospace,
Automotive, and now
for Carbon Neutral !***

Date

July 20 (Thursday) ~ 21 (Friday), 2023

Venue

Doshisha University, Kyoto, Japan

Speakers

Total 12 presentations from
Europe, US,
Asia and Oceania

1) Application Technology of Composites to Aircraft

IHI, Safran, Isojet Equipments, Boeing

2) Latest Mobility application from materials to molding

Teijin, HRC, Mitsubishi Chemical, RUCKS

3) CF initiatives that contribute to a sustainable society

AIST, NITTA, Deakin University

Table Top Exhibition

Catalogues/Samples by companies and universities

Gion Festival

7/14-16 / 21-23 : Pre-festival Evening

7/17, 7/24 : Grand Parade

先端材料技術協会

Society for the Advancement of Material and Process Engineering

JISTES 2023 Program



7/20 (Thursday)

10:30-10:40	Opening Session chair :
10:40-11:4	The Challenge of Ceramics Matrix Composite for Jet Engine application Shinji Muto (IHI)
	LUNCH
	Session chair :
	Thermoplastics composites for aircraft equipment : challenges & opportunities Patrick HENRAT (SAFRAN Composite)
	Liquid composite molding; Efficient composite solution for primary aircraft structures - Evolutions/ automation and strategies Zouhair AJJOUR (Isojet Equipements)
	Coffee break & Table Top Exhibition
	Session chair :
	Composites in Aircraft : Past and Present James Sutherland (Boeing)
	Innovative and Sustainable Composite Lightweight Solutions for the Mobility Sector Erich Fries (HRC)

7/21 (Friday)

	Session chair :
	Advanced Composites Technologies for Next-GEN mobility Ichiro Kitano (Teijin)
	Progress in Forged Molding Compound technology and its mobility applications Koichi AKIYAMA (MCG) Mitsubishi Chemical Group
	LUNCH
	Session chair :
	Manufacturing of CFRP laminates by using Continuous Compression Moulding (CCM) Technology
	Sustainable carbon fibre developments at Carbon Nexus: bio-derived precursors and high efficiency manufacturing Prof. Russell Varley (Deakin Univ.)
	Using Carbon Fibre Surface Modification as a Strategy to Induce Multifunctionality into Composites Prof. Luke Henderson (Deakin Univ.)
	Coffee break & Table Top Exhibition
	Session chair :
	Physical properties of composite affected by interfacial modification with CNTs Maki Onizuka and T.Komukai (NITTA)
	Current status of CF recycling and evaluation technologies for recycled CFs Yoshiki SUGIMOTO (AIST)