European Joining Platform

to Manufuture

4th General Assembly

Rob Scudamore – Meeting Chair



Summary

- Welcome and Acknowledgements
- Health & Safety (Fire Alarm, Exit)
- Wi-Fi access
- Event record & pictures
- Programme
  - Topics for Industrial challenges
  - Tour (optional)
  - Round table panel
  - Workshop process

PROGRAMME

Time	Topic	Lead
09.00	*Registration*	
09.30	Welcome address	A Khalid - Director of Technology, TWI
09.35	Introduction and programme goals	R Scudamore - Meeting Chair
09.50	European Joining Platform review	K Martinsen - Industrial Chair
10.10	Update from European Commission	S Mortier - European Commission
10.30	Industry funding opportunities	S McCaldin - EU Funding Coordinator
11.00	*Refreshment break*	
11.15	INDUSTRIAL PRIORITIES - CHALLENGES IN JOINING: • Dissimilar materials Joining • Low distortion and low heat input Joining • Joining ultra-high specific strength materials • High productivity, high performance, thick section Joining • Development of hybrid Joining processes • Joining composites, multi-phase and coated materials • Joining of crack susceptible and highly alloyed materials including for high temperature applications • Joining multiple sheets and complex structures • Miniaturised and thin section Joining, soldering and adhesive bonding • Joining of speciality materials with enhanced properties	Various from Industry
12.15	*Buffet lunch and tour (optional)*	
13.15	How the UK supports manufacturing	Ajay Kapadia - KTN
13.30	ROUND TABLE DISCUSSION: How Joining supports the re-industrialisation of Europe	EC/Industry/Research
14.15	WORKSHOP: Addressing industrial challenges	ALL
15.20	Workshop findings	Group Leaders
15.45	Summary and future actions	R Scudamore - Meeting Chair
16.00	*Meeting close*	

Topics for Industrial Challenges

- Dissimilar materials Joining
- Low distortion and low heat input Joining
- Joining ultra-high specific strength materials
- High productivity, high performance, thick section Joining
- Development of hybrid Joining processes
- Joining composites, multi-phase and coated materials
- Joining of crack susceptible and highly alloyed materials including for high temperature applications
- Joining multiple sheets and complex structures
- Miniaturised and thin section Joining, soldering and adhesive bonding
- Joining of speciality materials with enhanced properties

Tour

- Raise of hand for those interested!
- Tour details:
  - BB Display Area
  - BB Engineering Hall
  - Building 3: Engineering Hall (Viewing gallery)
  - Three groups:
    - Geoff Melton and Khalid Nor 12.15
    - Chris Dungey 12.45

Round Table Discussion

- **Panel:**
  - Martin Peruzzi - voestalpine Böhler Welding Group
  - Sebastien Mortier - EC
  - James Logan/Mark Summers – ATI
  - Ernst Miklos – Linde Group
- **How Joining supports the re-industrialisation of Europe:**
  - Question 1: What is the role of Joining in the re-industrialisation of Europe?
  - Question 2: What are the Industrial drivers that the Joining community needs to respond to?
  - Question 3: How does the research and development community support the manufacturing challenges of Europe?

Workshop Process

- Report to group area and nominate a group leader
- Discuss questions and prepare responses:
  - **QUESTION 1: What are the potential solutions?**
    - ~1-3
  - **QUESTION 2: How could the solution be applied?**
    - e.g. timescale, likelihood of success, skills, resources, access to finance
  - **QUESTION 3: What are the potential impacts?**
    - e.g. benefits, sectors, local vs European scale
- Prepare brief bullet point summary
- Return to main room (15:15)
- Group Leader to present top level summary
- Open up to the floor for comment

Workshop Process

- GROUP 1: Yellow - Lecture 1
- GROUP 2: Blue - Lecture 1
- GROUP 3: Green - Lecture 2
- GROUP 4: Red - Lecture 2
- GROUP 5: Orange - Canteen

Joining Sub-Platform Information

Enjoy the day!

www.joining-platform.com

