

MECAFUTURE-Workshop
22. April 2010, 10:00 – 12:45

Hannovermesse - Forschung und Technologie
Halle 2, Säle London und Madrid

Organisiert von: Ubifrance mit MECAFUTURE und den französischen Clustern Arve Industries – Materialia - Plastipolis – Pôle Nucléaire de Bourgogne

10:00

Vortrag über die französische F&E-Politik (Saal London/Madrid)
Vorstellung der französischen Cluster (Saal London/Madrid)

10:35 – 11:35

Workshops

Workshop n°1 SAAL MADRID

Herstellungsverfahren

Moderator: Pôle Nucléaire Bourgogne

11.45 Uhr-12.45 Uhr

Workshop n° 3 SAAL MADRID

Materialien

Moderator: Pôle Materialia

13:00 FOYER ÜBERGANG ZU HALLE 2

Empfang

Workshop n°2 SAAL LONDON

Robotik und intelligente Systeme

Moderator: Pôle Arve Industries

Workshop n°4 SAAL LONDON

Oberflächentechnologien

Moderator: Pôle Viameca

PROGRAMM DRAFT

Vortragssprache Englisch

10:35 - 11:35

Workshop n°1

Herstellungsverfahren

- Characterization of parts during forging, by **Nicolas RICHARD** Project Manager, Competitiveness Cluster **Pôle Nucléaire Bourgogne**
- Project LCM SMART: Liquid Composite Molding Process for complex parts in composites by **Marie-Odile HOMETTE** Industrial and Unifying Manager, Competitiveness Cluster **ViaMéca**
- Project MULTIMAT: MultiMaterial Manufacturing by HVC pressing or Selective Laser Melting by **Florence DORE** Efficient and Innovative Processes, Technical Center for the Mechanical Industries – **CETIM**
- Projet FGCV: High Speed Vibratory Drilling-by **Djea DJEAPRAGACHE**, Local and International Development, Technical Center for the Mechanical Industries – **CETIM**
- Project NewPIM: Development of new applications based on powder injection molding for automotive, aerospace and luxury markets
- Project EQUIMOLD: European partnership in the tooling industry including design, tool production technologies and implementation in molding processes
- **Präsentation von deutschen Forschungsprojekten**

Fragen und Diskussionsrunde

Workshop n°2

Robotik und intelligente Systeme

- Captacom: embedded diagnosis by autonomous communicating sensors by **Jean-Marc André**, General Delegate Competitiveness Cluster **Arve industries**
- Plug and Play Factory by **Jean-Marc André**, General Delegate Competitiveness Cluster **Arve industries**
- Project VIPA: Autonomous Public Individual Vehicle by **Michel DHOME** Research Director, Laboratory of Sciences and Material for Electronics And Automation (**LASMEA**)/ **Viaméca**, Blaise Pascal University, Clermont Ferrand
- Project FAST: fast Automous rover System by **Michel BERDUCAT** Research Engineer, CEMAGREF Center, Clermont Ferrand
- Project AVIBUS: Drilling with Vibration Assistance by Piezoelectric Actuators by Frank **CLAEYSSEN** Innovation, Marketing and Sales Manager
- Project CISSSI: Stochastic High Powered Computing and Safety of the **Industrial Systems** by **Maurice PENDOLA** , CEO PHIMECA
- **Präsentation von deutschen Forschungsprojekten**

Fragen und Diskussionsrunde

11:45 - 12:45

Workshop n° 3

Materialien

- Multimaterials assemblage by brazing by **Bruno Pracchia CRITT Métal**
- Composite Park by **Gilbert PITANCE**, General Delegate **Pole Plasturgie de l'Est**
- Project Biopacking : European partnership for the development of advanced packaging application using biobased materials such as PLA by **Patrick VUILLERMOZ** Manager of innovation and R&D, Competitiveness Cluster **Plastipolis**
- Project NanoSpe: Development of nanocomposite materials with piezoelectric properties for sensors or control devices by **Patrick VUILLERMOZ** Manager of innovation and R&D, Competitiveness Cluster **Plastipolis**
- Project COTECH: Convergence of material and process micromanufacturing technologies for advanced applications (health, automotive, electronics), by **VUILLERMOZ Patrick** Manager of innovation and R&D Competitiveness Cluster **Plastipolis**
- **Präsentation von deutschen Forschungsprojekten**

Fragen und Diskussionsrunde

13:00 Empfang

Workshop n°4

Oberflächentechnologien

- Project INNOLUB : Innovations for High Temperature Lubrication by **Igor SMUROV** Director of Laboratory , DIPI Laboratory – National Eng. School of Saint Etienne
- Project OPT-HIP: to develop innovative ceramics for a more powerful and less invasive orthopedic surgery by **Philippe Bertrand**, R&d coordinator , Competitiveness Cluster **ViaMéca**
- Project ZIRCOSPRAY: Focusing of a innovating process of great dimension parts coating with improved productivity by **Philippe Bertrand**, R&d coordinator , Competitiveness Cluster **ViaMéca**
- Project MULTITRIB: Multifunctional coatings and surfaces in tribology-related applications by nanoscale engineering by **Philippe Bertrand**, R&d coordinator , Competitiveness Cluster **ViaMéca**
- Project TRIBO: Nanostructured coatings for engineering tribological applications by **Philippe Bertrand**, R&d coordinator , Competitiveness Cluster **ViaMéca**
- **Präsentation von deutschen Forschungsprojekten**

Fragen und Diskussionsrunde

Kontakt:

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Exportberater
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