

## MECAFUTURE-Workshop

22. April 2010, 10:00 – 12:45

Hannovermesse - Forschung und Technologie

Halle 2, Saal London / Saal Madrid

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

10:00 Vorstellung der französischen Cluster Saal LONDON / Saal MADRID

Vortrag über die französische F&E-Politik

Vorstellung MECAFUTURE und der 5 französischen Cluster:

- MECAFUTURE, Philippe Bertrand, R&D and International Relations Manager, Viameca
- ARVE INDUSTRIES, Jean-Marc André, CEO, Arve Industries
- MATERIALIA, Olivier Bonnet, CEO, Materialia
- PLASTIPOLIS, Patrick Vuillermoz, Manager R & D and Innovation, Plastipolis
- POLE NUCLEAIRE DE BOURGOGNE (PNB), Nicolas Richard, Project Manager, PNB
- VIAMECA, by André Mallet, CEO, Viameca

10:35 - 11:35

**Workshop n°1 Saal MADRID**

Herstellungsverfahren

*Moderator:* Pôle Nucléaire Bourgogne

**Workshop n°2 Saal LONDON**

Robotik und intelligente Systeme

*Moderator:* Pôle Arve Industries

11:45 - 12:45

**Workshop n°3 Saal MADRID**

Materialien

*Moderator:* Pôle Matériaia

**Workshop n°4 Saal LONDON**

Oberflächentechnologien

*Moderator:* Pôle Viameca

13:00 Foyer, Übergang zu Halle 2

Empfang

# PROGRAMM

*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**
- Project FGVV: 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 by **Patrick VUILLERMOZ** Manager of innovation and R&D, Competitiveness Cluster **Plastipolis**
- Project EQUIMOLD: European partnership in the tooling industry including design, tool production technologies and implementation in molding processes by **Patrick VUILLERMOZ** Manager of innovation and R&D, Competitiveness Cluster **Plastipolis**
- **Präsentation von deutschen Forschungsprojekten**
- Fragen und Diskussionsrunde

**10:35 - 11:35**

## **Workshop n°2: Robotik und intelligente Systeme**

- Captaucom: embedded diagnosis by autonomous communicating sensors by **Jean-Marc ANDRE**, General Delegate Competitiveness Cluster **Arve industries**
- Plug and Play Factory by **Jean-Marc ANDRE**, 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)**, **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, **Cedrat Technologies**
- 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 **Pôle 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

**11:45 - 12:45**

### **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

**13:00 Empfang**

#### **Kontakt:**

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