



## EUROPEAN INNOVATION WORKSHOPS

5<sup>th</sup> April 2011, 9.00 am – 2.30 pm

Hannover Messe – Research and Technology  
Convention Center, Rooms 11 & 12

Organized by Ubifrance with MECAFUTURE, the Department for Science and Technology of the French Embassy, CETIM-Carnot and MINES ParisTech

### Programme

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9.00 am – 1.00 pm

#### Workshops

##### *Room 11*

*Emerging Robotics: Solutions and Markets for Sustainable Manufacturing and Services*

**Moderator:** Mr Djea Djeapragache, International Projects Executive, CETIM-Carnot

##### *Room 12*

*New Trends in Materials and Manufacturing Processes for Transportation*

**Moderator:** Mr Olivier Bonnet, General Manager, French Competitiveness cluster Matériaia

1.00 pm – 2.30 pm      FOYER

#### Lunch

1.30 pm                  ROOM 11

**Press Conference** (for MECAFUTURE members only)

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## Room 11

# *Emerging Robotics: Solutions and Markets for Sustainable Manufacturing and Services*

Moderator: Mr Djea Djeapragache, International Projects Executive, CETIM-Carnot

### **WORKSHOP 1**

**9.15 am-12.00 pm**

#### **9.15 – 9.30 am** *Welcome*

Mr Christophe Lecourtier, Executive General Manager, Ubifrance, Paris

Mr Mathieu Weiss, Counselor for Science and Technology, Berlin

Mr Philippe Bertrand, R&D & International Relations Manager, Mécafuture

#### **9.30 – 10.00 am** *Towards more Interactive Robotics*

Pr. Philippe Bidaud, Institute of Intelligent Systems and Robotics, Pierre and Marie Curie University, Paris

#### **10.00 – 10.20 am** *From Industrial Robots to Robot Assistants: Technologies, Benefits and Applications*

Mr Martin Haegel, Head of department “Robot Systems”, Fraunhofer IPA, Stuttgart

#### **10.20 – 10.45 am** *From Teleoperation to Cobotics, New Trends in Interactive Robotics*

Mr Yann Perrot, Head of Interactive Robotics Lab, Carnot CEA –List, Saclay

#### **10.45 – 11.00 am** Coffee Break

#### **11.00 – 11.20 am** *Human-Robot-Cooperation in Industrial Practice*

Mr Peter Heiligensetzer, Managing Director MRK Systeme GmbH, Augsburg

#### **11.20 – 11.40 am** *Robots for Sustainable & Human-friendly Manufacturing*

Mr Jean-Yves Benaiteau, Project Manager, Carnot Cetim, Nantes

#### **11.40 - 12.00 am** *Modular Robots: Building Blocks for Automation*

Mr Christopher Parlitz, Manager Service Robots, SCHUNK GmbH & Co. KG, Lauffen am Neckar

### **Project Presentations 12.00 – 1.00 pm**

#### **12.00 - 12.15 am** *Actuators and Sensors for High Precision Requirements in Manufacturing Processes*

Dr.-Eng. Frank Claeysen, Innovation, Marketing & Sales Director, Cedrat technologies, Meylan

#### **12.15 – 12.30 am** *Alternatives to, and Dissemination of Robotics in France’s Mechanical-Engineering Sector*

Mr Arnaud Bocquillon, Industrial Coordinator, French competitiveness cluster ViaMéca, Clermand-Ferrand

#### **12.30 – 12.45 am** *The Autonomous Public-Transport Individual Vehicle VIPA: The Mobile City of the Future*

Mr Michel Dhome, Head of LASMEA, Saint-Etienne

#### **12.45 am – 1.00 pm** *Repositionable Robots*

Mr Benoît Sagot-Duvaouroux, Project manager, French competitiveness cluster EMC2, Nantes

## Room 12

### *New Trends in Materials and Manufacturing Processes for Transportation* Moderator: Mr Olivier Bonnet, General Manager of the French Competitiveness Cluster Materialia

#### **WORKSHOP 2**

**9.15 am - 12.00 pm**

**9.15 – 9.30 am** *Welcome*

Mr Bertrand Le Tallec, General Manager Ubifrance-Germany, Düsseldorf  
Mr Sebastian Ritter, Department for Science and Technology of the French Embassy in Germany  
Tbd, Mécafuture

**9.30 - 9.50 am** *Materials Challenges for More Ecological Automotives*

Mr Pierre Chalandon, Officer for the Future Materials Plan, PSA

**9.50 - 10.10 am** *Innovative Steel Lightweight Solutions for a Sustainable Mobility*

Mr Oliver Hoffmann, Officer for Application Technologies, ThyssenKrupp

**10.10 - 10.30 am** *Title tbd*

Speaker tbd, Fraunhofer ILT, Aachen

**10.30 - 10.50 am** *Title tbd*

Pr. Yvan Chastel, Head of the Center for Materials Forming, Mines ParisTech

**10.50 - 11.05 am** Coffea Break

**11.05 - 11.25 am** *Future Material Concepts for Automotive Lightweight Construction*

Pr. Tröster, Chair for Automotive Lightweight Construction, University of Paderborn

**11.25 - 12.00 am** *Title tbd*

Mr. Ronald Hopp, Director Advanced Market, Faiveley Plast Industry (SME)

#### **Project Presentations 12.00 – 1.00 pm**

**12.00 - 12.15 am** *Adiabatic Cutting: Save up!*

Dr. Ludovic Lazzarotto, CEO, Groupe Meyer France, Saint-Etienne

**12.15 - 12.30 am** *Title tbd*

Speaker tbd

**12.30 - 12.45 am** *Paving the Ground for the Second Generation of a Highly Effective, Application Oriented MicroNano Manufacturing Community in Europe*

Mr Patrick Vuillermoz, Manager of Innovation and R&D, French Competitiveness cluster Plastipolis, Oyonnax

**12.45 am - 1.00 pm** *Lightweight Composite Solutions for Aeronautics*

Mr Gilbert Pitance, General Deputy, Pôle Plasturgie de l'Est, Saint-Avold