



28-29 June 2010

Lyon, Rhône-Alpes (France)

Event **Towards a common European and Regional strategy for plastics clusters**

Four projects :

- Multihybrids
- COTECH
- IMPRESS
- Service tooling

Bertrand FILLON
CEA/LITEN - FRANCE



A European Project supported within the Seventh Framework Programme for Research and Technological Development



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Innovative sensor-based processing technology of
nanostructured multifunctional hybrids and composites
MULTIHYBRIDS

Piero CAVIGLIASSO
Proplast - Plastics Innovation Pole - Italy



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A preview on the **future of service**
provision in the **tooling industry**

Fabian Gaus
WZL of RWTH Aachen University



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IMPRESS

Flexible Compression Injection Moulding Platform for Multi-Scale Surface Structures

Stéphane DESSORS
Pôle Européen de Plasturgie





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COTECH

Converging Technologies for micro systems
manufacturing

Humbert Noll
FOTEC Forschungs- und Technologietransfer GmbH.



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Summary: session 1

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Event **Towards a common European and Regional strategy for plastics clusters**

- All the plastic process chain is in evolution: intelligence in process chain and final components are more and more requested.
- Smart engineering tool developments will be the main challenge for the future of tooling industries.
- Smart plastic components based on tailored nanostructuring and nanotexturing are in important growth.
- Introduction of advanced simulation models and “in-situ” non destructive testing procedures are more and more used.
- Thanks to Clusterplast to identify the common interests of these four projects, interactions and new cooperation will certainly be launched between these teams.