



Seventh Framework Programme

NMP Nanosciences, Nanotechnologies, Materials and new Production Technologies.

Large-scale integrating project – MULTILAYER

Workshop on TAPE 3D STRUCTURING

Orbassano (Turin), Italy, 8th November 2010

Organized by

- Cardiff University/United Kingdom
- Centro Ricerche FIAT/Italy
- French Atomic Energy and Alternative Energies Commission (Liten)/France

Topics

Recent development in innovative tool-making solutions for the fabrication of large area stamps/rollers with complex 3D shapes, solutions for tape structuring employing different direct rapid machining/structuring technique such as laser structuring, punching, embossing and inmould labelling technique for application to Micro-Electro-Mechanical-Systems (MEMS). The workshop will include oral presentations. Each participant will be allowed 30 minutes per presentation and at the end of the each session there will be 10 minutes question time. All contributions will be presented on internet at <http://multilayer.4m-association.org/>.

Participation

Participation is open to all scientists interested in ceramics and tape structuring. There is no registration fee charged (deadline for registration per e-mail: 29th October 2010).

Language

The language of the workshop will be English.

Agenda Workshop on tape 3D structuring (MULTILAYER project)

November 8th 2010 | Centro Ricerche FIAT | Strada Torino, 50 | 10043 Orbassano | Italy

November 8th 2010

13.30 – 13.50	Registration (Room A)	
13.50 – 14.00	Introduction and Welcome from Organisers	<i>V. Lambertini/CRF P. Petkov/CU</i>
14.00 – 15.00	Lecture “Laser processing”	<i>G. Hagen/KMS D. Jurkow/WT</i>
15.00 – 15.40	Lecture “Punching technology”	<i>C. Zeilmann/MSE</i>
15.40 – 16.00	Coffee break	
16.00 – 16.40	Lecture “Tooling solutions”	<i>P. Petkov/CU</i>
16.40 – 17.20	Lecture “Tools for industrial tape/film punching and embossing applications”	<i>C. Kohlberger/Groz-Beckert KG</i>
17.20 – 18.00	Lecture “Micro Powder Inmould Labelling Technique”	<i>E. Vorster/KIT(-G)</i>
18.00 – 18.10	Conclusion	
18.10	End of the workshop	
20.00	Dinner (organized by CRF, costs shall be supported by each participant)	