



PRESS RELEASE

AUGUST 2008

Project FP7- ICT-2007-3-6: micro/nanosystems

- **European project SYSTEX had its kick-off meeting June 6 in Belgium**
 - **12 partners from 5 European countries are working together to define a new framework in the area of e-textiles and wearable micro-systems in Europe**
 - **First dissemination activities have already started in Germany and Italy**
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SYSTEX, an ICT project of the Seventh Framework Programme, is a new co-ordination effort based on cooperation between the different knowledge carriers industry, academic and government institutions, research and users in order to pool and evaluate the existing information and generate new interaction between the different players.

Despite the fact that intelligent textile systems are sponsored on a large scale in Europe, there is still a lack of structured co-ordination and interdisciplinary knowledge transfer. SYSTEX aims at collecting technological and non technological information on relevant projects at various levels and to classify them in a transparent data base and information system. The analysis of the available and ongoing research activities in e-textiles and wearable microsystems and the respective results will be edited in the framework of an interactive website and thus enhance cross-sectoral synergies and exchange of project results. Dissemination and continuous interexchange between the experts in the various fields from different European countries will facilitate this ambitious goal.

Prof. Lieva van Langenhove, SYSTEX project leader: "The objective of SYSTEX is to create an extensive and detailed road map of current and possible future technological developments in e-textiles, to identify needs, breakthroughs and bottlenecks. We strongly believe that SYSTEX will foster the consolidation and transnational dialogue between the micro/nanosystems and the textile community dealing with e-textiles and wearable microsystems."




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The 12 SYSTEX partners are as follows:

1. Ghent University, Department of Textiles, which is part of the Faculty of Engineering at Ghent University. Prof. Lieva van Langenhove, dr.h.c, member of the ETP expert group on smart textiles, is project leader. <http://www.textiles.ugent.be>



2.  a small Italian company whose mission is R&D and production of systems where textile and non-textile sensors and electronics are integrated into wearable solutions. <http://www.smartex.it>
3. CEA, a public organization composed of 15000 employees, that does technological research in the areas of energy, information, health technologies and defence.
4. UNIPI, University of Pisa is represented by the Interdepartmental Research Center E. Piaggio. . www.unipi.it
5. CNR-INFN, National Institute of Physics of Matter – National Research Council, Centre S3, based in Genoa, Italy
6. IMEC, The Interuniversitair Micro-Electronics Centrum in Leuven, Belgium
7. Philips Research, department of biomedical sensor systems, Eindhoven, the Netherlands
8. Multitel, a privately owned and non-profit research centre in Mons, Belgium – www.multitel.be
9. IFTH, Institut Français Textile et Habillement is the French textile and clothing technical center. With its 280 collaborators IFTH focuses on R&D in the high added value sector for different market segments: clothing, transport, health and building.
10. Anne Demoor bvba, legal advisor, based in Belgium
11. **IHOFFMANN** a consultancy and communication agency with international orientation operating in the niche market of innovative technical textiles and technologies in their various applications. www.ihofmann.com
12. Plastic Electronics Foundation, a non-profit organisation, established in April 2005, based in Eindhoven, the Netherlands www.plastic-electronics.org



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During the 1. IFAI Advanced Textiles Entrepreneur Networking conference June 12./13 in Berlin and CIMTEC 2008 June 8- 13 in Acireale, Sicily the official start of Systex has been communicated to the participants. The 3rd International Conference "Smart Materials, Structures and Systems" was organized as a "junior" edition of the CIMTEC series of international meetings.

The project will go on for the next 36 months. The next meeting will take place in Pisa, Italy upcoming October.

Please take a look at our web portal:

<http://www.systemex.org>



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