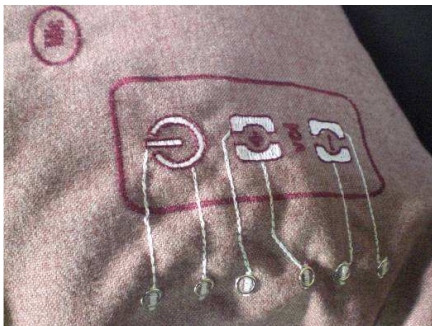




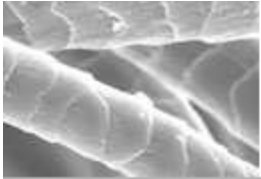
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LEITAT - SMART MATERIALS AND SMART SYSTEMS DIVISION

PROJECT INTENTIONS IN ORGANIC ELECTRONICS



LEITAT
Technological Center
managing your technologies



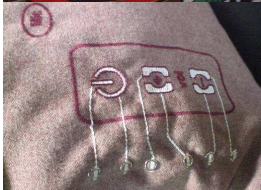
LEITAT PRESENTATION IN ORGANIC ELECTRONICS



LEITAT is a private-non profit Technological Research Centre specialized in production technologies.

LEITAT develops R+D activities in the areas of :

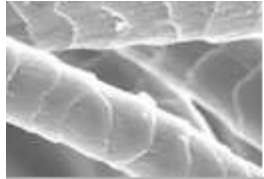
- Materials sciences (polymers, nanotechnologies, etc...)
- Environment
- Biotechnologies and Biomedicine
- Renewable energies
- Chemistry
- Productive process



And possess deep knowledge and experience on the technological transfers to several industrial sectors



Brno, April, 30th 2009



LEITAT PRESENTATION IN ORGANIC ELECTRONICS

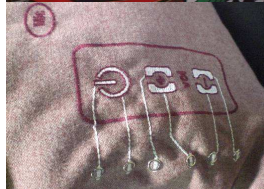


Organic electronics

- Organic synthesis of conjugated molecules and polymers (anthracene, silole based) for application in electroluminescence
- Digital printing for film processing
- Development of thermoelectric materials and devices
- Start an activities for the development of Organic and Dye sensitized solar cells

Smart Textiles

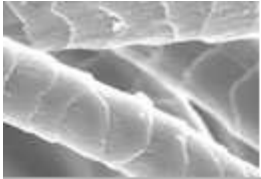
- Textronics and stretchable electronic
- Electronics integrated in textiles (Smart textiles prototyping)
- Prototype validation: materials, finished materials, industrial process



Complementary technologies

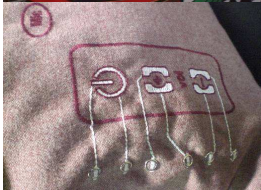
- Design and implementation of printed circuits boards and mechanical pieces
- Flexible Encapsulation methods
- Proof of concepts
- Technological Transfers





Project objectives/intentions

- Our intention is to coordinate a project proposal in Smart Fabrics and Interactive Textiles (SFIT).
- Objective ICT-2009.3.9: Microsystems and Smart Miniaturised Systems.
- The objectives of the proposal are still under development.
- If your competences and ideas can fit under this target outcome, please, contact us:
 - Florencia Nava – fnava@leitat.org



Thank you for you attention



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Brno, April, 30th 2009