Smart Materials into Action

ENGINEERING AND DESIGNING NEW PRODUCTS

MAY · 8–9th · 2014 TECNOCAMPUS MATARÓ-MARESME - BARCELONA

CETEMMSA

OUR SUMMER SCHOOL

Within the framework of the European project INNOMATNET, Cetemmsa will organise a 2-day Summer School on finding smart solutions for novel and smart materials.

Addressed to both recent graduates and post-graduates from the areas of materials research, engineering and design in the EU, the course explores the relationship between Materials R&D centres and Design Universities, and how they can foster innovation and new business opportunities for novel materials. Within the course, companies and experts in these areas will share their insights.

The workshops will run in three areas: Smart Objects, Smart Cities and Smart Fabrics. The aim of the workshops is to ideate new products and identify future requirements and applications for smart materials and technologies. Students will work in multi-disciplinary teams, recognising current social, economic and technological macrotrends, and designing appropriate solutions and strategies. Successful projects will be judged to satisfactorily address the 'Innomatnet Challenge'.

AIMS

Train designers and young engineers/researchers how to:

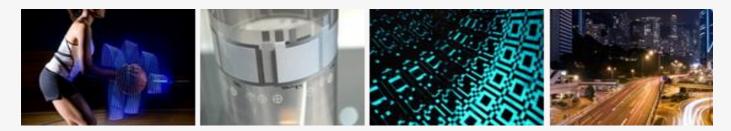
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- Integrate design into technology and technology into design, using novels materials
- Use smart and novel materials to find smart solutions
- Transform thinkers into creators

These sessions will also:

- Inform participants on the current macrotrends and their implications in materials, technology and design
- Provide innovation tools to link market and consumer trends with research, innovation and ideation of new products

The INNOMATNET Summer School is an exciting opportunity to join people from across Europe to share expertise and knowledge in a multidisciplinary environment. Support for travel and accommodation is available.



No Attendance Fee Limited Places Available Info: training@cetemmsa.com

REGISTRATION

European Project FP7-NMP-2011-CSA-5 | Project Nr 290583









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Thursday 8 May

09.00 to 09.30 h	Arrivals & Registration
09.30 to 10.00 h	Opening: Miquel Rey. President of CETEMMSA. Susana Figuereido. Project Manager, Sociedade Portuguesa de Inovaçao
10.00 to 10.45 h	Smart Materials, Smart Solutions . Marta González. Professor of materials at ELISAVA Design University. Iván Rodríguez.
	MaterFAD.
10.45 to 11.30 h	Open Innovation Tools: from Research to Market: Jeff Butler. R&D, design and innovation manager
11.30 to 11.45 h	Coffee Break
11.45 to 12.30 h	Research & Technological Centres as resources to support business Innovation, Best Practices in this field: Ferran
	Soldevila. Valorisation Manager at CETEMMSA. Business and Technology Transfer
12.30 to 13.15 h	Design Universities as resources to support business Innovation. Best Practices in this field: Horge Pérez. Director I+ED
	Lab. Design division. (Innovation &Education)
13.15 to 15.15 h	Networking Lunch
15.15 to 16.15 h	Business and Materials: Company presentations (*)
	José Mariano López-Urdiales. Zero2infinity, aeronautical Engineer, near-space flying solutions
	Xavier Flores. Lekué-compeixalaigua, designer, silicone in new applications
	Valentí Rodon. RGB Medical Devices, Engineer, business developer, senzorized medical devices
	(*) please note that the list of companies is not finalized
16.15 to 17.15 h	Round table discussion with companies, R&T Centers and Design University representatives. Moderator: Alessandro
	Rancatti. dirección creativa.es. Architect and design thinking consultant.
17.15 to 17.30 h	Coffee Break
17.30 to 18.30 h	Workshop general brief: trends, platforms, innovations (training prior to the workshops): Laura Clèries. Clèries
	Consultancy, materials PhD, designer & trends researcher
18.30 to 19.00 h	Feedback and conclusions. All together

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REGISTRATION

InnoMatNet aims to advance the goal of an innovative society by developing a flexible approach that establishes teams of innovators which link materials labs with industry (particularly the creative industry), as well as other innovation actors, providing support to help them bring new products and processes to market. **www.innomatnet.eu**

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INOLOGICAL CENTRE

Friday 9 May

09.00 to 14.00 h	Smart Objects: Workshop
	Brief: Definition of materials and Best Practices
	Smart solution: Ideation, design, and technology integration
	Technical thinking Tutor: CETEMMSA: Marta Cot. Telecommunications Engineer. Smart Objects Lab Manager.
	Carlos Carenas. Electronic Engineer. Smart Objects Development
	Design thinking Tutor: Rafael Nualart. Product strategy & innovator
09.00 to 14.00 h	Smart Cities: Workshop
	Brief: Definition of materials and Best Practices
	Smart solution: Ideation, design, and technology integration
	Technical thinking Tutor: CETEMMSA: Santi Pérez. Electronic Engineer. Head of Technological Valorisation, Business and
	Development.
	Design thinking Tutor: Alessandro Rancatti. Creative innovation platforms and projects
09.00 to 14.00 h	Smart Fabrics: Workshop
	Brief: Definition of materials and Best Practices
	Smart solution: Ideation, design, and technology integration
	Technical thinking Tutor: CRTTT-CETEMMSA. Francesc Pera. Textile Engineer. Researcher and Developer.
	Carles Pérez. Textile Engineer. Researcher and Developer
	Design thinking Tutor: Laura Clèries. Macrotrends-based innovation
14.00 to 15.00 h	Conclusions. All together: presentations of workshop projects and selection of the Innomatnet Challenge project winner.

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