

## Journées scientifiques AMADEus

Lundi 25 juin 2012 > 9h00 – 18h00  
Salle Badiane - Domaine du Haut-Carré, Talence

Mardi 26 juin 2012 > 9h00 – 12h30  
Salle Badiane - Domaine du Haut-Carré, Talence

## Programme prévisionnel

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### ► Lundi 25 juin 2012

#### TRC3 - Biocooperative and bioactive materials

9h00 - Présentation du projet "Biocooperative and bioactive materials" *Alexander Kuhn*

9h30 - Development of electrode architectures for miniaturized coupled biofuel cells and biosensors  
*Nicolas Mano*

10h00 - Smart devices design by grafting multi-functionalized molecules bearing anti-inflammatory agents and molecules able to enhance neovascularization  
*Marie-Christine Durrieu*

10h30 - Pause café

#### WP7- Biocompatibility

11h00 - Assessment of the biocompatibility of drug delivery device components under study; cytotoxicity, inflammation and thrombosis

*Marlène Durand, Jean Ripoche, Jean-François Viillard*

#### KTC Soft Matter Physics

11h30 - Soft Matter and Materials *Annie Colin*

#### KTC Virtual Materials

12h00 - Virtual Materials *Gérard Vignoles*

12h30 - Opportunités de financements européens (Aquitaine Développement Innovation) *Rémi Vignes*

13h00 - Déjeuner

#### TRC1 - Organic electronics

14h00 - Présentation du projet "Organic electronics" *Georges Hadziioannou*

14h30 - WP1a : Synthesis and formulation of oxide particles with dyes and semiconducting polymers and oligomers: Influence of the interfacial properties to the electrooptic performance and the life time of the devices

15h00 - WP1a : Synthesis of semiconducting polymers and oligomers: screening of the effect of transition metals on final electro-optic properties

15h30 - WP1b : Ink formulation and processing procedures of electrooptic materials based on organic/inorganic composites: a semiconducting block copolymer approach

16h00 - Pause café

16h30 - WP1c : Investigation of interfacial effects and nanostructuration on the electrical and electronic properties of organic materials

17h00 WP1d1 : Organic Electronics for the harvesting and conversion of thermal energy

WP6 - Manufacturing of the Future

17h30 - The introduction of the microfluidics and supercritical methodologies to the manufacturing of functional electrooptic materials

18h00 Fin

### ► **Mardi 26 juin 2012**

TRC2- Nanostructured metamaterials

9h00 - Présentation du projet " Nanostructured Metamaterials"

*Philippe Barois*

9h30 - WP2a : Production and structural characterization of inorganic spherical and calibrated micro-resonators for THz frequencies

10h00 - WP2b : Controlled self-assembly of plasmonic nanoparticles by biomolecular recognition

10h30 - Pause café

11h00 - WP2b : Template-assisted synthesis of plasmonic nano-helices

11h30 - WP2c : Experimental and theoretical study of the optical properties of nanostructured metal-dielectric composites

KTC Sustainable Chemistry and Engineering

12h00 - Sustainable Chemistry and Engineering

*Jean-Marc Vincent*

12h30 - Fin