

# INTERNATIONAL SYMPOSIUM ON MACROPOROUS MATERIALS FROM NOVEL PREPARATION TECHNIQUES TO ADVANCED APPLICATIONS



COLLÈGE  
DE FRANCE  
— 1530 —

Chaire de chimie des matériaux  
hybrides

## Program

### Opening

*Clément Sanchez*, Chaire de Chimie de Matériaux Hybrides

### New synthetic approaches to macroporous materials

Ice-segregation based techniques: *Dr. S. Deville*

Integrative chemistry toward macrocellular foams: *Prof. R. Backov*

Preparation and functionalization of low density 3-D networks of  
nanocellulose : *Prof. L. Wågberg*

Bionanocomposite foams: *Prof. E. Ruiz-Hitzky*

Porous structures for tissue engineering: *Prof. J. Mano*

### Simulation / Characterization techniques

Scanning hard X-ray 2D/3D imaging: *Dr. A. Somogyi*

2D/3D imagery, evolving morphology and confined transport: *Dr. P. Levitz*

Bone mechanics and adaptive foams: *Dr. R. Weinkamer*

### Application of macroporous materials

Macroporous ceramics for maxillofacial reconstruction: *Dr. J. Brie*

Modeling of thermal properties of cellular foam materials: *Dr. D. Baillis*

Carbon-based 3D materials for energy storage devices: *Dr. D. Carriazo*

## Infos and registration:

[www.macromat.eventzilla.net/](http://www.macromat.eventzilla.net/)

## Dates

16 & 17 of November 2015

Midday to midday

## Venue

Collège de France

Room A2

11 Pl. Marcelin Berthelot

75005 Paris

## Scientific committee

**Francisco M. Fernandes**

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**Call for Student Papers**

**Poster Session**

**DEADLINE: Oct. 15th , 2015**

### Sponsors



### Scientific Committee

