French-Korean workshop

Functional Materials and Structures

A day of talks and discussions on the design of materials and structures offering new performances for energy and advanced optics.

The workshop is organized by the Molecular, Macromolecular Chemistry and Materials laboratory on the occasion of the invitation of Prof. Gi-Ra Yi by the Paris Science Chair.

Monday December 16, 2019

Institut Pierre-Gilles de Gennes – Amphitheater
6, Rue Jean Calvin 75005 Paris

Program

9h00-9h15 - Welcome and opening remarks
9h15-9h50 - Pil Jin YOO - Nano Materials and Nano Devices Lab, SKKU
  *Plesiohedral cellular network of graphene bubbles for ultralight, strong, and superelastic materials*
9h50-10h25 - Christian SERRE - Institut des Matériaux Poreux de Paris, ENS-ESPCI Paris
  *Functional porous solids for energy related applications*
10h25-10h55 - Coffee break
10h55-11h30 - Ho Seok PARK - Energy Storage and Environmental Materials, SKKU
  *Ultracapacitive Energy Storage Using 2D Nanomaterials Under Extreme Conditions*
11h30-12h05 - Christel LABERTY-ROBERT - Laboratoire de Chimie de la Matière Condensée de Paris, Sorbonne Université
  *Battery and perspectives*
12h05-14h00 - Lunch break
14h00-14h35 - Rémi CARMINATI – Institut Langevin, ESPCI Paris
  *Light scattering in materials with controlled disorder*
14h35-15h10 - Gi-Ra Yi – Soft Matter Research Lab, SKKU
  *Structural colors of colloidal glasses and crystals*
15h10-15h45 - Nathan van ZEE - Molecular, Macromolecular Chemistry and Materials Lab, ESPCI Paris
  *Exploiting water in apolar media to control the structure of supramolecular polymers*
15h45-16h00 - Closing remarks
16h00-16h30 - Coffee break and open discussions

Registration

Registration is free but mandatory by e-mail to laurent.corte@espci.fr