

# CLOSING EVENT

## AMPTEC cluster

**Advanced Materials & Pharmaceutical Technologies  
June 25th 2015, Villeneuve d'Ascq, France**

This event is organized on the occasion of the closing of the AMPTEC cross-border INTERREG IVA 2 Seas cluster involving the Universities of Lille1 & Lille2, Cambridge, Ghent, Greenwich and East Anglia, the Cluster Nutrition Health Longevity, SEPS Pharma, NOVITOM, Cristal Therapeutics, the cluster UP-TEX, Ashford & St Peter's Hospitals NHS, University College London and Fédération des Biomatériaux FED4123.

This event aims to bring together participants from academia and industry involved in interdisciplinary materials science and pharmacy activities. It will be organized in two half-day sessions:

- **Morning session:** Training seminars devoted to the experimental methods suitable for the preparation and characterization of pharmaceutical materials.
- **Afternoon session:** Research seminars that will focus on presenting recent developments in the field, especially those obtained in the framework of the AMPTEC cluster.

The seminars are open to scientists and technical staff from academia and from industry and scientifically interested members of the general public. Master's and PhD students are encouraged to attend. In order to enable young scientists to participate in the conference, it will be free to attend. To register, please send your name and institution details to: [scheherazade.boudaoud@univ-lille1.fr](mailto:scheherazade.boudaoud@univ-lille1.fr)

The AMPTEC 2015 closing event will be held at the POLYTECH Engineering School at the University of Lille1 campus in Villeneuve d'ascq, France.



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### Programme

**8:30-9:00**    *Registration*

**9:00-9:10**    *Welcome*

**9:10-9:35**    Y. Karrout "Film coating"

**9:35-10:00**   S. Qi "Multiscale characterisation toolset for the structural and performance analysis of solid dosage forms"

**10:00-10:25**   A. Hédoux "Using low-frequency Raman spectroscopy for structural description of disordered and complex molecular systems"

**10:25-10:50**   *Coffee break*

**10:50-11:15**   J. Doucet "X-ray tomography reveals the inner microstructure of tablets"

**11:15-11:40**   J.-F. Wilart "Mechanical Milling: a useful tool to control the physical state of pharmaceutical materials"

**11:40-12:05**   D. Craig "Electrospinning and pressure gyration manufacturing methods"

**12:05-14:00**   *Lunch break – Buffet*

**14:00-14:25**   M. Descamps "The physical state of pharmaceuticals"

**14:25-14:50**   F. Affouard "Molecular Modeling : the microscopic to macroscopic gap"

**14:50-15:15**   J. Siepmann "Polymeric dosage forms aiming at improved fenofibrate bioavailability"

**15:15-15:40**   *Coffee break*

**15:40-16:05**   M. Eddleston "Stabilising cocrystals within lipid/polymer extrudates"

**16:05-16:30**   D. Douroumis "PAT tools for Hot Melt Extrusion processing"

**16:30-16:55**   A. Hertault "Evaluation of the in vitro and in vivo active stents"