

BIOINSPIRED MOLECULAR ASSEMBLIES AS PROTECTIVE AND DELIVERY SYSTEMS

7 – 9 Sept. 2015

Centre International Universitaire pour la Recherche
1, rue Dupanloup - 45000 Orléans, France



CONVENORS

- **Dr Arayik Hambardzumyan**, LE STUDIUM® RESEARCH FELLOW
on leave from Yerevan State University - Armenia, in residence at ICMN (Interfaces, Confinement, Matériaux et Nanostructures) UMR 7473 - CNRS - Université d'Orléans – France.
- **Dr Samuel Guillot**,
ICMN (Interfaces, Confinement, Matériaux et Nanostructures) UMR 7473 - CNRS - Université d'Orléans – France.

MAIN TOPICS OF THE CONFERENCE

- Langmuir-Blodgett Films and Multilayers
- Self-Assembly and Nanoscale Organization
- Membranes
- Liquid Crystals and Polymers at Interfaces
- Nano-Objects
- Biological and Bioinspired Systems

INTRODUCTION

Biological systems being complex entities bring to life elegant and efficient strategies to make materials that often outperform man-made materials of similar composition. One of the main goals of the interdisciplinary field of bioinspired materials is to unlock the secrets of these systems - the composition, processing, self-assembly, hierarchical organization and properties of biological materials - and use this information to synthesize and engineer novel functional materials for a variety of practical applications. Bioinspired concepts are becoming increasingly integrated into materials and devices intended for food safety, cosmetic formulation and drug delivery systems.

Planned sessions of the conference include:

- Langmuir-Blodgett Films and Multilayers,
- Self-Assembly and Nanoscale Organization,
- Membranes,
- Liquid Crystals and Polymers at Interfaces,
- Nano-Objects,
- Biological and Bioinspired Systems.

Invited speakers and discussion leaders represent a variety of scientific disciplines, including biology, biochemistry, chemistry, physics, and materials science. The conference is intended to promote cross-disciplinary fertilization of new ideas in this emerging field and will create a cohesive community by promoting interactions between scientists from various countries.

CONFIRMED INVITED SPEAKERS (MORE TO BE ANNOUNCED)

Prof. Dr. Jurriaan Huskens

University of Twente/MESA+ Institut for Nanotechnology/ AE Enschede/ The Netherlands

Pr. Ivan Panaiotov

University of Sofia/ Laboratory of Biophysical Chemistry/ Sofia/ Bulgaria

Dr. Nathalie Tarrat

CEMES-CNRS/UPR 8011/Toulouse/France

Pr. Chantal Pichon

CBM/Orleans University/Orleans/France

Prof. Dr. Maryam Tabrizian

McGill University/Biomaterials Research Group/Montreal/Canada

Dr. Véronique Aguié-Béghin

INRA/UMR614 Fractionnement des AgroRessources et Environnement/Reims/France

Dr. Dorota Matyszevska

University of Warsaw/Faculty of Chemistry/ Warsaw/Poland

Dr. Faiza BERGAYA

ICMN, UMR 7374/CNRS/Orleans/France

Dr. Charles Sennoga

Imperial College of London/ CHU Tours/Inserm 930/Tours/France

Dr. Eduardo Guzmán

I-Universidad Complutense de Madrid, Departamento de Química Física/ Madrid/ Spain

Dr. Sylvie Bégin-Colin

Institut de Physique et Chimie des Matériaux de Strasbourg/ Strasbourg/ France

Dr. Gohar Khachatryan

University of Agriculture, Department of Chemistry and Physics/Cracow/Poland

Dr. Véronique Barragan-Montero

Institut Charles Gerhardt/UMR 5253/ Montpellier/France

Dr. Marie-Hélène Ropers

INRA/UR1268 Biopolymères Interactions Assemblages/Nantes/France

Dr. Tomasz Martyński

Poznan University of Technology/Faculty of Technical Physics/Poznan/Poland

Dr. Nóra Ábrahám

Supramolecular and Nanostructured Materials Research Group of The Hungarian Academy of Sciences/Szeged/Hungary

Dr. Gabriel Ohlsson

Biolin Scientific AB/Västra Frölunda/Sweden

LE STUDIUM® Loire Valley Institute for Advanced Studies

1, rue Dupanloup- 45000 Orléans, France

Tél. 33 (0)2 38 21 14 82 – e.mail : registration@lestudium-ias.fr

<http://www.lestudium-ias.com>

CALL FOR POSTERS

Poster presenters need to submit an abstract of no more than 2000 characters (including spaces) by **15/07/2015**. The abstracts (electronic format only –pdf files) will be published in digital proceedings (USB flash-drive).

If you are interested in giving a poster, thank you for sending the title of your abstract and your text of abstract together with your affiliation and contact details to registration@lestudium-ias.fr as soon as possible.

PRACTICAL INFORMATIONS

Deadline for early registration: 30/06/2015

Dates of the conference: 7 - 9 September 2015

Location: Centre International Universitaire pour la Recherche – 1, rue Dupanloup, 45000 Orléans – France

Lodging: Hotel lists communicated upon registration

Language: English

CONTACT AND REGISTRATION

Registrations are open. Please consult the website of LE STUDIUM® for updates, details and registration form: <http://www.lestudium-ias.com>

To register click on the “**LE STUDIUM® CONFERENCES**” link and then click on “**Registration form**” for this conference. Please fill in the Word document and then return the form via the website or by email to Justine Thévenot at registration@lestudium-ias.fr

Your participation will be validated upon receipt of your payment before **26/08/2015**. You can pay the registration fees (see table below) by PayPal services on LE STUDIUM website, via wire transfers using the reference **PG-SC41** (IBAN: FR76 1870 7004 3030 5212 3281 624 - BIC: CCBPFRPPVER) or by French bank checks sent to LE STUDIUM postal address in Orleans (1, rue Dupanloup – 45000 Orléans).

REGISTRATION FEES

Registration fees include: Conference attendance, lunches of **07/09/2015** and **08/09/2015**, lunch bags of **09/09/2015**, coffee breaks, and an USB key with the conference documents and a booklet of abstracts.

Registration Fees	Early rate before 30/06/2015	Rate After 30/06/2015
Public institutions	130€	200€
Private institutions	250€	450€
Students (PhD included)	70€	70€
Conference dinner (formal gala dinner) on 08/09/2015	65€	65€

IMPORTANT DATES

26/08/2015	Final registration and payment deadline
07/09/2015	Conference Begins
07/09/2015	Public lecture in French by Public lecture speaker
09/09/2015	Conference ends

SYMPOSIUM ORGANIZATION

CONVENORS

- **Dr Arayik Hambardzumyan , LE STUDIUM® RESEARCH FELLOW**
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- **Dr Samuel Guillot,**
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SCIENTIFIC COMMITTEE

- **Dr Arayik Hambardzumyan , LE STUDIUM® RESEARCH FELLOW**
on leave from Yerevan State University - Armenia, in residence at ICMN (Interfaces, Confinement, Matériaux et Nanostructures) UMR 7473 - CNRS - Université d'Orléans – France.
- **D. Samuel Guillot,**
ICMN (Interfaces, Confinement, Matériaux et Nanostructures) UMR 7473 - CNRS - Université d'Orléans – France.
- **Professor Nicola Fazzalari** (Scientific Director), LE STUDIUM® Loire Valley Institute for Advanced Studies, Centre-Val de Loire region, France.

ORGANIZING COMMITTEE

- **Dr Arayik Hambardzumyan , LE STUDIUM® RESEARCH FELLOW**
on leave from Yerevan State University - Armenia, in residence at ICMN (Interfaces, Confinement, Matériaux et Nanostructures) UMR 7473 - CNRS - Université d'Orléans – France.
- **Dr Samuel Guillot,**
ICMN (Interfaces, Confinement, Matériaux et Nanostructures) UMR 7473 - CNRS - Université d'Orléans – France.
- **Dr Fabienne Meducin,**
ICMN (Interfaces, Confinement, Matériaux et Nanostructures) UMR 7473 - CNRS - Université d'Orléans – France.
- **Professor Nicola Fazzalari** (Scientific Director), LE STUDIUM® Loire Valley Institute for Advanced Studies, Centre-Val de Loire region, France
- **Sophie Gabillet** (General Secretary), LE STUDIUM® Loire Valley Institute for Advanced Studies, Centre-Val de Loire region, France
- **Amélie Schneuwly** (Incoming Researchers), LE STUDIUM® Loire Valley Institute for Advanced Studies / University of Orleans, France
- **Justine Thévenot,** Bleu Nuit (Events agency), Orleans, France

ORGANIZING INSTITUTION

- **LE STUDIUM®**, LE STUDIUM® Loire Valley Institute for Advanced Studies, Centre-Val de Loire region, France