

## SCIENTIFIC COMMITTEE

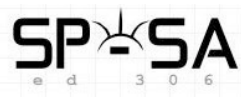
N. Gontard, INRA, Montpellier, France  
H. Angellier-Coussy, Université Montpellier II, France  
P. Villeneuve, CIRAD, Montpellier, France  
A. Buléon, INRA, Nantes, France  
J. M. Lagaron, CSIC, Valencia, Espagne  
F. Doghieri, Université de Bologne, Italie

## ORGANISATION COMMITTEE

N. Gontard, INRA, Montpellier, France  
H. Angellier-Coussy, Université Montpellier II, France  
P. Havelange, Université Montpellier II, France  
MA. Berthet, INRA, Montpellier, France  
F. Touchaleaume, INRA / ICG, Montpellier, France  
V. Guillard, Université Montpellier II, France  
E. Gastaldi, Université Montpellier II, France  
H. Devries, INRA, Montpellier, France



Serenade



# RECENT ADVANCES IN SUSTAINABLE BIO-BASED NANO-COMPOSITES FOR FOOD PACKAGING

27<sup>th</sup> February 2014

Montpellier - France

## REGISTRATION

Free workshop with mandatory registration by email

Deadline for registration : 15th February 2014

Registration form to be sent to : Patricia Havelange

04 67 14 41 96 / 38 36 - [patricia.havelange@univ-montp2.fr](mailto:patricia.havelange@univ-montp2.fr)



9:00-9:25 - Registration

9:25-9:30 – Opening session

9:30-10:15 – Presentation of introduction

« Bio-nanocomposites for sustainable food packaging »

*H. Angellier-Coussy (UM2 – IATE)*

*Synthesis and perspectives in the framework of the HDR presentation*

10:15-12:15 – Debate and questions

« Understanding the structure/mass transfer properties relationships in dynamic food/packaging systems »

*A. Dufresne (Prof., INPG-PAGORA, Grenoble, France)*

*J.M. Lagaron (Prof., CSIC, Spain)*

*M. Hedenqvist (Prof., KTH, Sweden)*

*N. Gontard (Prof. DR INRA, Montpellier, France)*

*E. Espuche (Prof., Université Lyon 1, France)*

*F. Doghieri (Prof., Université de Bologne, Italy)*

12:15-14:15 – Lunch time and poster session

14:15-16:30 – Invited conferences

« Recent advances in the field of biopolymers and new insights in the structure/properties relationships »

14:15-14:30 – *N. Gontard (Prof. DR INRA, Montpellier, France)*

« Eco-design of sustainable food packaging materials »

14:30-14:45 – *A. Dufresne (Prof., INPG-PAGORA, Grenoble, France)*

« Polymer nanocomposites reinforced with nanoparticles extracted from renewable resources »

14:45-15:00 – *J.M. Lagaron (Prof., CSIC, Spain)*

« Recent advances in electrospinning and nanoparticles from bio-sourced resources »

15:00-15:15 – *M. Hedenqvist (Prof., KTH, Sweden)*

« Wheat gluten foams and blends »

15:15-15:30 – *D. Lourdin (INRA, Nantes, France)*

« Shape memory agro-polymers based materials »

15:30-15:45 – *P. Villeneuve (DR, CIRAD, Montpellier, France)*

« Enzymatic chemistry for tailoring functional properties of bio-based polymers and molecules »

15:45-16:00 – *E. Espuche (Prof., Université Lyon 1, France)*

« Mass transfer properties in polymer nanocomposites »

16:00-16:15 – *S. Domenek (Ass. Prof., AgroParisTech, France)*

« Structure/barrier properties relationships in poly(lactides) »

16:45-16:30 – *F. Doghieri (Prof., Université de Bologne, Italy)*

« A comprehensive modelling approach of mass transport properties in nanocomposites »

16:30-17:00 – Coffee break and poster session

17:00-18:00 – Round table discussion

« What would be the next generation of biopolymer-based sustainable materials ? »

*Scientific questions, the topic in the tools and calls Horizon 2020 , networks and implication of industrials, European training programs...*

– Moderator : *N. Gontard*

18:00 – Closing session and aperitive

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