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EMBASSY OF FRANCE
IN THE UNITED STATES

OFFICE FOR SCIENCE
& TECHNOLOGY

REACT Workshop & Networking Event

Monday, November 27, 2017

Embassy of France – Salle Tocqueville & Maison Française

4101 Reservoir Road NW, Washington, DC 20007

REACT – Research and Education in Active Coatings Technologies – for human habitat is a Partnerships for International Research and Education (PIRE) project that addresses key fundamental research challenges through an international educational platform to develop Active Coating Technologies (ACTs) that divert, collect and purify water (ACT 1), suppress bacteria adhesion and proliferation (ACT 2), and convert and store solar energy (ACT 3). To enable coatings that will transform the human habitat, the three ACTs take advantage of the versatility provided by polymers, nanoparticles and their mixtures to create coatings with tailored chemistry, surface texture and function.

Salle Tocqueville

8:15 am	Welcome <i>Coffee & croissants</i>
8:45 am	Opening Session <i>Moderator: Minh-Hà Pham</i> Patrick Lachaussée , First Counselor, Embassy of France Rebecca Keiser , Office of International Science & Engineering, NSF Bruno Paing , VP Strategic partnerships North America, CEA Tech Alain Fontaine , Director, Nanosciences Foundation Amy Gadsden , Executive Director, Penn Global, University of Pennsylvania
9:30 am	REACT Presentation <i>Moderator: Minh-Hà Pham</i> By Russell J. Composto , Professor of Materials Science & Engineering, University of Pennsylvania and Patrice Rannou , CNRS Director of Research, GIANT
9:45 am	REACT Research Highlights: ACT1, ACT2 Presentations <i>Chair: Patrice Rannou</i> <i>ACT1. Hierarchical Structures for Water Management</i> By Robert A. Riggelman , Associate Professor of Chemical and Biomolecular Engineering, University of Pennsylvania, and David Riassetto , Associate Professor Grenoble INP, GIANT <i>ACT2. Prevention of Infection Transmission</i> By Daeyeon Lee , Professor of Chemical and Biomolecular Engineering, University of Pennsylvania, and David Riassetto , Associate Professor Grenoble INP, GIANT
10:30 am	Coffee Break
10:45 am	REACT Research Highlights: ACT3 Presentations <i>Chair: Russell Composto</i> <i>ACT3. Self-assembled Nanomaterials for Energy Generation and Storage – Batteries</i> By Karen I. Winey , Professor of Materials Science and Engineering, University of Pennsylvania, and Patrice Rannou , CNRS Director of Research, GIANT <i>ACT3. Self-assembled Nanomaterials for Energy Generation and Storage – Photovoltaic systems</i> By Zahra Fakhraai , Associate Professor of Chemistry, University of Pennsylvania, and Patrice Rannou , CNRS Director of Research, GIANT
11:30 am	REACT Education and Training <i>Chair: Amy Gadsen</i> By Francine Papillon , GIANT Programs Manager, and Kristin Field , Director, Education and Professional Development, REACT, University of Pennsylvania
12:00 pm	REACT Fellows <i>Chair: David Riassetto</i> Presentations: 1 slide in 1 minute

Maison Française

12:30 pm	Lunch Break and Networking Group picture Poster session: posters from the REACT Fellows
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Salle Tocqueville

1:45 pm	Keynote Lectures <i>Introduction by Russell Composto:</i> Harvey Rubin , MD, PhD, Professor of Medicine, Microbiology and Computer Science, University of Pennsylvania: <i>The Role of Public-Private-Academic Partnerships in Response to Extreme Events</i> <i>Introduction by Denis Bendejacq:</i> Matthew Taylor , Corporate Research & Innovation Director, North America, Solvay Q&A session
2:45 pm	Roundtable: Meeting Societal Needs <i>Moderator: Pierre Michel</i> <ul style="list-style-type: none">• Denis Bendejacq, Corporate Research Manager, COMPASS Joint Lab• Alain Fontaine, Director, Nanosciences Foundation• Christopher B. Murray, Professor of Chemistry and Materials Science and Engineering, University of Pennsylvania• Cassandra Dudka, Office of International Science & Engineering, NSF Q&A session
3:45 pm	Coffee Break
4:00 pm	<i>Roundtable (continued)</i> <ul style="list-style-type: none">• Bruno Paing, VP Strategic partnerships North America, CEA Tech• Himdat Bayusuf, Co-Team Leader for the Africa Centers of Excellence, Education Global Practice, World Bank• Annica Wayman, Division Chief, USAID Global Development Lab Q&A session
4:45 pm	Closing Session <i>Moderator: Hervé Martin</i> Russell J. Composto , Professor of Materials Science & Engineering, University of Pennsylvania, Patrice Rannou , CNRS Director of Research, GIANT, and Minh-Hà Pham , Counselor for Science and Technology, Embassy of France
5:00 pm	End of the Workshop

Maison Française

5:00 pm	Reception and Networking
7:30 pm	End of the Networking Event

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