



I_CEINT annual Meeting

20-22 May 2010



Porquerolles Island

20/05/10	14h30	Tania	QUARANTA	LHYGES	<i>From Life Cycle Impact Assessment to Risk Assessment : two case study examples</i>
	15h00	Mark	WIESNER	DUKE University	<i>Nanoparticles heterogeneity, aggregation and reactivity</i>
	15h30	Greg	LOWRY	Carnegie Mellon University	<i>Effects of Ag NP sulfidation on chemical composition, persistence, and bactericidal properties.</i>
	16h00	BREAK			
	16h30	Vincent	NIVIERE	LCBM CEA-CNRS	<i>ROS production by NPs : detection and characterization by EPR</i>
	17h00	Benjamin	ESPINASSE	DUKE University	<i>Mesocosm Facility at DUKE</i>
21/05/10	9h00	Beatrice	SCHAAK	BIOPUCES CEA	<i>Impact of TiO2 nanoparticles on bronchial cells using cell biochips.</i>
	9h30	Paul	BERTSCH	University of Kentucky	<i>Behavior, bioavailability, and effects of metal nanomaterials in terrestrial ecosystems</i>
	10h00	Alain	THIERY	IMEP CNRS/UP	<i>Ecotoxicity of Quantum Dots-based nanoplate form used as biomedical tool: evaluation in freshwater invertebrates.</i>
	10h30	BREAK			
	11h00	Pascale	BAUDA		<i>Ecotoxicological impact of TiO2 nanoparticles and TiO2 based nanomaterial derivatives</i>
	11h30	Perrine	CHAURAND	CEREGE CNRS/UPC	<i>X-ray fluorescence micro-spectroscopy : a tool to localize Np within biological samples</i>
	12h00	LUNCH			
	14h30	Natasha	SOLOVITCH	CEREGE CNRS/UPC	
	15h00	Melanie	AUFFAN	CEREGE CNRS/UPC	<i>Biological effect of metallic silver nanoparticles: nanoparticulate versus ionic effect</i>
	15h30	BREAK			
	16H00	Catherine	SANTAELLA	IBEB CEA-CNRS	<i>Insights on modulation of biofilm formation and plant-bacteria interactions by cadmium</i>

16h30 **Laila** **BENAMEUR** LBME - *Genotoxicity mechanisms of CeO₂ with human*
Aix- *fibroblasts*
Marseille
Univ

17h00 **Wrap-up**

22/05/10 **9h30** **DISCUSSIONS**

**Priorities in experiments particularly
with Duke mesocosms**

**Experiments between members of
I-CEINT**

Visits of labs in 2010

Next I_CEINT meeting