

**PROGRAM JEP 2009**

**September, MONDAY 21**

10:00:00	13:30:00	Registration/ Enregistrement		
13:30:00	13:40:00	Opening/ ouverture	<p align="center"><b>J. M. ORGOGOZO, Conseil Régional Aquitaine</b></p> <p align="center"><b>Y. BARJHOUX, INNOVALIS Aquitaine</b></p>	
13:40:00	13:50:00	Welcome/ Bienvenue	<p align="center"><b>A. MATHURIN, FEP</b></p> <p align="center"><b>J.M. HERMANN, CNRS</b></p>	
13:50:00	14:00:00	Kick-off/ Lancement	<p align="center"><b>P. Le CLOIREC, Ecole Chimie Rennes</b></p>	
<b>S1 Materials &amp; Methods for Photocatalysis - Chairman: P. Le CLOIREC</b>				
14:00:00	14:30:00	<b>CP 1</b>	<b>A. MILLS</b>	<b>Dye-based methods of assessing photocatalytic activity</b>
14:30:00	14:50:00	Com 1-1	LEROY C	Probing pores surface redox reactions of titania mesoporous thin films with EuIII
14:50:00	15:10:00	Com 1-2	COLBEAU-JUSTIN C.	Time resolved microwave conductivity: an effective tool to understand the photoactivity in TiO2 materials
15:10:00	15:30:00	Com 1-3	CTIBOR P.	Atmospheric plasma sparyed 'APS) coatings of Al2O3-13% TiO2 for photocatalytic applications
15:30:00	15:50:00	Com 1-4	PETERKA F.	Photocatalytic applications, standardization and testing methods
15:50:00	16:50:00	<b>Coffee-Break - Posters - Exhibitions</b>		
<b>S2 Photocatalysis for water purification - Chairman: D. BAHNEMANN</b>				
16:50:00	17:20:00	<b>CP 2</b>	<b>C. MINERO</b>	<b>Mechanism, kinetics, and applications of the photocatalytic process in water</b>
17:20:00	17:40:00	Com 2-1	SALVADOR P.	The Influence of Surface Fluorination in the Photocatalytic Behaviour of TiO2 Aqueous Dispersions: an analysis in the light of the Direct-Indirect Kinetic Model
17:40:00	18:00:00	Com 2-2	PLANTARD G.	Foams as a support of TiO2 applied to photocatalysis
18:00:00	18:20:00	Com 2-3	ATHEBA P.	Use of natural resource for the wastewater treatment in the Ivory coast: activated carbon adsorption combined solar photocatalysis
18:20:00	20:00:00	<b>Cocktail - Posters - Exhibitions</b>		
20:30:00		Gala dinner/ Diner de gala	<b>J-M . HERRMANN</b>	

**PROGRAM JEP 2009**

September, TUESDAY, 22

**S3 Self-cleaning surfaces & passive materials - Chairman: J. M. CORONADO**

08:30:00	09:00:00	<b>CP 3</b>	<b>D . BAHNEMAN</b>	<b>Transparent Photocatalytic Coatings: Preparation and Activity Tests</b>
09:00:00	09:20:00	Com 3-1	GUERRINI G. L.	Recent photocatalytic applications in concrete industry
09:20:00	09:40:00	Com 3-2	GOHIN M.	N-doped TiO <sub>2</sub> nanoparticles in mesoporous silica layers for visible light induced self cleaning glasses
09:40:00	10:00:00	Com 3-3	HADJ-AISSA A.	VOCs Degradation by Cementitious Materials
10:00:00	10:20:00	Com 3-4	ROUSSEAU P.	Le procédé NOxer: du développement aux mesures de dépollution sur site

10:20:00 11:20:00

**Coffee-Break - Posters - Exhibitions**

**S4 Bactericidal / Germicidal Photocatalysis - Chairman: J. M. HERMANN**

11:20:00	11:40:00	Com 5-1	KELLER N.	A first approach through 1D and 2D protein electrophoresis in bactericidal UV-A photocatalysis
11:40:00	12:00:00	Com 5-2	PIGEOT-REMY S.	Photocatalytic disinfection of E. coli suspensions. Impact of photocatalytic treatment on DNA and membrane.
12:00:00	12:20:00	Com 5-3	RAHAL Raed	Antimicrobial and self-cleaning textiles modified by photoactive TiO <sub>2</sub> hybrid nanomaterial under daylight irradiation

12:20:00 14:00:00

**Lunch buffet - Posters - Exhibitions**

**S5 Photocatalysis for air purification - Chairman: C. MINERO**

14:00:00	14:30:00	<b>CP 4</b>	<b>J . CORONADO</b>	<b>Photocatalytic removal of gas pollutants: opportunities for solar applications</b>
14:30:00	14:50:00	Com 4-1	BIANCHI C.	Titania hollow spheres for the removal of nitric oxide in air
14:50:00	15:10:00	Com 4-2	BENOIT-MARQUIE F.	Effect of V-UV and UV irradiations on VOC'S saturated zeolites doped by TiO <sub>2</sub>
15:10:00	15:30:00	Com 4-3	HAJIESMAILI S.	3D solid foam based photocatalytic materials for flow-through structured photoreactors. Application to VOC and airborne biological target removals
15:30:00	15:50:00	Com 4-4	DEBONO O.	Kinetic investigations and reaction intermediates during photocatalytic oxidation of toluene at indoor air levels (ppb)
15:50:00	16:10:00	Com 4-5	LEROY M. C.	Synthesis of imogolite-TiO <sub>2</sub> nanocomposites with photocatalytic activity for degradation of model air pollutants

16:10:00 16:20:00

Wrap-up/  
Remerciements

**S. LACOMBE**

16:20:00 16:30:00

Closure/ Cloture

**A. MATHURIN, FEP**