



PROGRAMME OF THE MEETING

MONDAY, 25th May 2009

8:30 - 8:40	Opening Addresses
8:40 - 9:00	COST 540 Program and Its Goals <i>Frantisek PETERKA, Research Centre for Nanosurface Engineering - NANOPIN, Czech Republic</i>
9:00 - 10:30	Photocatalytic Technologies, Commercial Products and Related Testing Methods in European Countries in 2009 - State of Art, Problems and Outlook to Future <i>Reports by representatives and experts from COST 540 countries - 1st Part</i>
	Belgium's Activity on Photocatalysis Related to Application and Standardization <i>Benoît KARTHEUSER, Centre de Ressources Technologique en Chimie (CERTECH), Anne BEELDENS, Belgian Road Research Center, Belgium</i>
	Photocatalytic Technologies and Expertise, Commercial Products and Activities Related to Testing Methods - Situation in Spain – Part 1 and 2 <i>Jose FERMOSO DOMÍNGUEZ, CARTIF, Lorenzo BAUTISTA PEREZ, LEITAT Technological Center, Spain</i>
	Photocatalytic Application and Standardization Effort in Germany - Academic Involvement <i>Ralf DILLERT, Gottfried Wilhelm Leibniz Universität, Hannover, Germany</i>
	Nanotechnology and Plasma-Technology Applied to Textiles <i>John KIWI and Cesar PULGARIN, EPFL Lausanne, Switzerland</i>
	Photocatalytic Application and Standardization Effort in France <i>Chantal GUILLARD, IRCELYON, UMR CNRS-Université Lyon-1, France</i>
10:30 - 11:00	Coffee Break
11:00 – 12:30	Photocatalytic Technologies, Commercial Products and Related Testing Methods in European Countries in 2009 - State of Art, Problems and Outlook to Future <i>Reports by representatives and experts from COST 540 countries – 2nd Part</i>
	The Quantitative Evaluation of the Photocatalytic Performance for Standardization Test <i>Claudio MINERO, Università di Torino, Torino, Italy</i>
	Examples of Applications in Italy and Needs of Standardized Testing Methods - Industrial Needs <i>Giuan Luca GUERRINI, CTG Italcementi Group, Italy</i>
	Recent Photocatalytic Activities Towards Application and Verification in Slovenia <i>Urska LAVRENCIC-STANGAR, Urh CERNIGOJ, University of Nova Gorica, Slovenia</i>
	Photocatalytic Research Leading to Application and Testing in Finland <i>Tapio MANTYLA, Tampere University of Technology, Tampere, Finland</i>
	Photocatalytic Research Applications Examples and Testing Methods in Serbia <i>Radmila MARINKOVIC-NEDUCIN, Jonjaua RANOGAJEC, University of Novi Sad, Serbia</i>
	Testing Methods Standardization and Industrial Needs <i>Stephan Peter BLOESS, KRONOS INTERNATIONAL, Germany</i>
13:00 - 14:00	Lunch
14:00 – 15:30	Photocatalytic Technologies, Commercial Products and Related Testing Methods in European Countries in 2009 - State of Art, Problems and Outlook to Future <i>Reports by representatives and experts from COST 540 countries – 3rd Part</i>
	Photocatalytic Research Applications Examples and Testing Methods in Greece <i>Christos TRAPALIS, Anastasia HISKIA, Institute of Materials Science, NCSR Demokritos, Attikis, Greece</i>
	Photocatalytic Technologies in Portugal and Standardization <i>Carlos José TAVARES, University of Minho, Guimaraes, Portugal</i>
	Photocatalytic Paints for NO_x Abatement <i>Adelio MENDES, University of Porto, Portugal</i>

PROGRAMME OF THE MEETING

14:00 – 15:30	<p>Application Field and Approach to Photoactivity Tests in Czech Republic <i>Jaromir JIRKOVSKY, J. Heyrovsky Institute of Physical Chemistry AS CR, Josef KRYSA, Frantisek PETERKA, NANOPIN, Czech Republic</i></p> <p>State of Art of Photocatalytic Applications and Role of Standard Testing in Japan <i>Shigekazu KATO, vice chairman of International Committee of Photocatalysis Industrial Association Japan</i></p> <p>Photocatalytic Nanosurfaces to Control Marine Biofouling in New Zealand <i>Craig DEPREE, NIWA, Hamilton, Tim KEMMITT, IRL, Wellington, Rocky DE NYS, JCU, Townsville, New Zealand</i></p>
15:30 - 16:00	Coffee Break
16:00 - 16:30	<p>Status of ISO Standardization in Photocatalytic Field <i>Koji TAKEUCHI, Research Institute for Environmental Management Technology (Emtech), National Institute of Advanced Industrial Science & Technology (AIST) Tsukuba, Japan, Chairman of ISO –TC 206, WG for Photocatalysis</i></p>
16:30 - 17:00	<p>Status of CEN Standardization in Photocatalytic Field: TC 386 <i>Pascal KALUZNY, Tera Environnement, France, Chairman of CEN –TC 386 for Photocatalysis</i></p>
17:00 - 17:30	<p>NanoScience and Nanotechnology. Risk and Hazard. EU Standardization Response <i>Gérard RIVIERE, President of CEN/STAR</i></p>
18:00 – 19:00	Poster Session
19:00	Dinner

TUESDAY, 26th May 2009

8:30 - 12:30	EXHIBITION SESSION
	<ul style="list-style-type: none"> ▪ Examples of Successful Applications in Japan <i>Tatsuya IMURA (Vice-president of Standardization Committee of Photocatalysis Industrial Association Japan)</i> ▪ Standardization Tests and Testing Tools Available in Japan <i>Ayumi IKUTA (PIAJ, Japan), Koji TAKEUCHI (AIST Tsukuba, Japan), Shig Kato (PIAJ, Japan)</i> <ul style="list-style-type: none"> a) Test Methods for Photocatalytic Air Purification Materials as JIS and ISO Standardization Activity b) Evaluation of Self Cleaning Performance by Measurement of water contact angle (ISO FDIS 27448) and by Decomposition of Methylene Blue (JIS1703-2) c) Test Method for Antibacterial Activity of Semiconducting Photocatalytic Materials d) Test Method for Water Purification Performance of Semiconducting Photocatalytic Material by Measurement of Forming Ability of Active Oxygen ▪ Instruments for Photocatalytic Activity Measurements Available in Europe <i>Zdenek NAVRATIL and Pavel STAHEL (Advex Instruments s.r.o., Masaryk University, Brno, Czech Republic)</i> <ul style="list-style-type: none"> a) Evaluation of Self-Cleaning Performance by Contact Angle Measurement using Advex SEE System b) Measurement of Methylene Blue Degradation by Advex Photocat System
12:30 – 13:30	Lunch
13:30 - 15:00	PANEL DISCUSSION
	<ul style="list-style-type: none"> ▪ Harmonizing ISO and CEN Standards According to Needs of Industry ▪ New Trends in Photocatalytic Fields and Testing
	Information about Praha CEN – TC 386 WGs Meeting 27-28 May 2009
15:00	Meeting Conclusion