

Tuesday, June 8, 2010

08.30h	<p style="text-align: center;">ROOM : AMBASSADEUR <i>Chairs : M. Considine - A.S. Markowski</i> Plenary 2 : Challenges and needs for process safety in the new millennium <i>S. Mannan, Mary Kay O'Connor Process Safety Center, Texas A&M University, Texas, US</i></p>			
09.15h	<p style="text-align: center;">Plenary 3 : The Buncefield accident : Why is the explosion so severe? <i>V.H.Y. Tam, Centre for Fire and Explosion Studies, Kingston University, London, GB</i></p>			
10.00h	COFFEE BREAK, EXHIBITION & POSTERS			
	ROOM : AMBASSADEUR	ROOM : MOZART	ROOM : ERASMUS	ROOM : BEETHOVEN
	<p>Session 13 : Risk Assessment and Control (continued) <i>Chairs : J. Van Steen - R.D. Turney</i></p>	<p>Session 15 : Risk Assessment and Control (continued) <i>Chairs : P. Schmelzer - G. Suter</i></p>	<p>Session 17 : Inherent Safety, Chemical Reactivity & Designing for Safety <i>Chairs : A. Laurent - Z. Novak Pintaric</i></p>	<p>Session 19 : Human Factors and Safety Management Systems (continued) <i>Chairs : N. Jensen - G. Reniers</i></p>
10.30h	<p>"Bow-tie" model in layer of protection analysis <i>A.S. Markowski and A. Kotynia-Bigoszewska, Technical University of Lodz, Lodz, PL</i></p>	<p>Resilient risk management, answers for the new challenges? <i>R. Gallis, J. van der Vorm, N. Steijger and D. van der Beek, TNO Work & Employment, Hoofddorp, NL</i></p>	<p>Calculation of explosion regions of gas mixtures <i>E. Askar and V. Schröder, BAM, Berlin, DE J. Steinbach, Technische Universität Berlin, Berlin, DE</i></p>	<p>To err is human - a case study of error prevention in process isolations <i>R. Lardner, The Keil Centre Ltd., Edinburgh, GB J. Maitland, BP Exploration and Production, GB</i></p>
10.45h		<p>A new method for frequency estimation of domino accidents <i>B. Abdolhamidzadeh and D. Rashtchian, Sharif University of Technology, Tehran, IR G. Reniers, University of Antwerpen, Antwerpen, BE</i></p>		
11.00h	<p>Safety and risk analysis studies for hydrogen applications <i>P. Middha, GexCon AS, Bergen, NO</i></p>	<p>International benchmark study of a fictitious LPG plant - A comparison on the QRA approach of HSE (UK), RIVM (NL), INERIS (FR) and FPMs (Walloon Region Belgium) <i>L. Gooijer, RIVM, Bilthoven, NL N. Cornil, FPMs, Mons, BE C. Lenoble, INERIS, Verneuil-en-Halatte, FR</i></p>	<p>Determination of hybrid mixture explosion severity <i>P. Amyotte and M. Abuswer, Dalhousie University, Halifax, CA A. Di Benedetto, Consiglio Nazionale delle Ricerche, Napoli, IT P. Russo, Università di Salerno, Salerno, IT</i></p>	<p>Procedural controls for major incident hazards <i>P. Delanoy, The Dow Chemical Company, King's Lynn, GB</i></p>
11.30h	<p>Consequences of new risk methodologies for transmission pipelines <i>G.M.H. Laheij, A.A.C. van Vliet and R.J. Hansler, National Institute for Public Health and the Environment, Bilthoven, NL</i></p>	<p>An approach to the quantitative assessment of risk due to major accident triggered by lightning <i>E. Renni and E. Krausmann, European Commission, Joint Research Centre, Ispra, IT V. Cozzani, Università di Bologna, Alma Mater Studiorum, Bologna, IT A. Borghetti, M. Paolone and C.A. Nucci, Università di Bologna, DIE, Bologna, IT</i></p>	<p>Effect of ignition position on the run-up distance to DDT for hydrogen-air explosions in closed tubes <i>R. Blanchard, M. Poli and R. Grätz, BAM Federal Institute for Materials Research and Testing, Berlin, DE</i></p>	<p>Unified emergency management in the Port of Antwerp <i>X. Criel, Fire Protection Consultants, Antwerpen, BE</i></p>
11.45h		<p>A simplified approach to the assessment of passive fire protection systems <i>G. Landucci, Università di Pisa, Pisa, IT N. Paltrinieri, G. Antonioni and V. Cozzani, Università di Bologna, Bologna, IT</i></p>		

12.00h	Experimental study on thermal and toxic hazards connected to different accident scenarios in road tunnels <i>G. Maschio and C. Vianello, Università di Padova, Padova, IT</i> <i>E. Palazzi and B. Fabiano, Università di Genova, Genova, IT</i>	Hydrocarbon pool fires modelling: a novel conservative approach to evaluate flame temperature and thermal power <i>E. Palazzi, F. Curro and B. Fabiano, Genoa University, DICheP, Genoa, IT</i>	Venting of turbulent gas explosions <i>M. Poli, R. Blanchard and R. Grätz, BAM Federal Institute for Materials Research and Testing, Berlin, DE</i>	Liquefied gas over water : an experimental approach at medium scale to assess gas/water interactions and vapor dispersion <i>T. Pénelon, D. Jamois and C. Proust, INERIS, Accident Risk Division, Verneuil-en-Halatte, FR</i>
12.15		Characterization of large pool fires of organic compounds containing oxygen atoms <i>K.B. Mishra and K.D. Wehrstedt, BAM Federal Institute for Materials Research and Testing, Berlin, DE</i> <i>A. Schönbacher, University of Duisburg-Essen, Essen, DE</i>		Emergency discharge of liquids from vessels through orifices of irregular shapes <i>M. Dziubinski and L. Przelazly, Technical University Lodz, Lodz, PL</i>
12.30h	LUNCH, EXHIBITION & POSTERS	Emergency management of high time evolution incidental scenarios <i>G. Ancione, R. Lisi and M.F. Milazzo, University of Messina, Messina, IT</i> <i>G. Maschio and C. Vianello, University of Padova, Padova, IT</i>	LUNCH, EXHIBITION & POSTERS	LUNCH, EXHIBITION & POSTERS
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	Session 14 : Risk Assessment and Control (continued) <i>Chairs : A. Jacobsson - S.S. Buratti</i>	Session 16 : Inherent Safety, Chemical Reactivity & Designing for Safety (continued) <i>Chairs : R. De Graaf - L. Jelemensky</i>	Session 18 : Learning from Accidents and Knowledge Transfer(continued) <i>Chairs : P.J. Bots - D. Roosendans</i>	Session 20 : Inherent Safety, Chemical Reactivity & Designing for Safety (continued) <i>Chairs : B. Fabiano - A. Laurent</i>
13.30h	Impact of natural hazards: the Flash Environmental Assessment Tool <i>S. van Dijk, Ministry of VROM/BZK, Den Haag, NL</i> <i>J. van Middelaar, DHV Environment and Transportation, Amersfoort, NL</i> <i>L. Posthuma, RIVM, Bilthoven, NL</i>	Validation of alternative igniters for the determination of explosion characteristics of dust clouds in 20-l-sphere and 1-m³-vessel <i>A.Krietsch and M.Scheid, BAM Federal Institute for Materials Research and Testing, Berlin, DE</i> <i>M. Lasry and G. Suter, Swiss Institute for the Promotion of Safety and Security, Basle, CH</i> <i>H.-J. Teske and K.W. Stahmer, BGIA Institute for Occupational Safety and Health, St. Augustin, DE</i> <i>A. Arnold, BGN Berufsgenossenschaft Nahrungsmittel und Gaststätten, Mannheim, DE</i> <i>O. Nemcak, SIMEX Control s.r.o., Vsetin, CZ</i> <i>C. Cesana, Kühner AG, Birsfelden, CH</i> <i>R. Siwek, FireEx Consultant GmbH, Giebenach, CH</i>	25 years after Bhopal - have we learnt the lesson? <i>N. Jensen, Safepark Consultancy, Slangerup, DK</i>	Comparative risk evaluation of batch and intensified continuous processes <i>S. Machefer and L. Falk, Nancy Université, Nancy, FR</i> <i>S. Bahroun, S. Li, C. Valentin and C. Jallut, Université de Lyon, Villeurbanne, FR</i> <i>N. Di Miceli, N. Gabas, M. Cabassud and C. Gourdon, Université de Toulouse, Toulouse, FR</i> <i>J. Jenck, ENKI Innovation, Sainte-Foy-lès-Lyon, FR</i> <i>F. de Panthou, AET Group SAS, Cagnes-sur-mer, FR</i> <i>J.-M. François, Chilworth Sarl, Saint Vulbas, FR</i>

13.45h	Flooding of industrial facilities - Vulnerability reduction in practice <i>A. Vallee, B. Affeltranger and C. Duval, INERIS, Verneuil-en-Halatte, FR</i>	Simulation of pilot scale explosions: LES vs URANS <i>V. Di Sarli and A. Di Benedetto, Istituto di Ricerche sulla Combustione, Napoli, IT</i> <i>G. Russo, Università di Napoli Federico II, Napoli, IT</i>	New ideas for site safety management <i>G. Wehmeier, BASF, Lampertheim, DE</i>	Incorporation of health safety and environmental considerations for multiscale processing during early decision making <i>I. Houson, Britest Ltd, Runcorn, Cheshire, GB</i> <i>B. Affeltranger, INERIS, Verneuil-en-Halatte, FR</i> <i>O. Klais, DECHEMA, Frankfurt am Main, DE</i>
14.00h	Quantitative risk analysis - layout improvement of a LNG FPSO based on risk assessment <i>S. Rath, Linde AG, Pullach, DE</i>	Investigation of the self ignition in structured packed columns <i>S. Degenkolbe, M. Süßmuth and W. Witt, Brandenburgische Technische Universität Cottbus, Cottbus, DE</i>	Applying the systematic cause analysis technique to process safety incidents <i>S. Greenfield, M. Fisher and A. Potts, DNV Energy, GB</i>	Government initiatives to stimulate the application of inherent safety principles in the Netherlands <i>R. Zweistra and H. van Kempen, Province of Zeeland, Middelburg, NL</i> <i>H. Pijnenburg, Province of Noord-Brabant, Den Bosch, NL</i> <i>J. van Steen, DCMR Environmental Protection Agency, Schiedam, NL</i>
14.15h	Assessment of overpressure generated by atmospheric storage tank explosions <i>J. Taveau, J. Hocquet and J. Richard, IRSN, FR</i>	Application of computational fluid dynamics and finite element methods for explosion-protection - advantages and limitations <i>M. Sippel, Dekra Exam GmbH, Bochum, DE</i> <i>U. Barth, Bergische Universität Wuppertal, Wuppertal, DE</i>	How to really learn from incidents? <i>C.M. Pietersen, Safety Solutions Consultants bv, NL</i>	Are our safety tools up-to-date to assess a micro-reactor plant? <i>R.A. de Graaf, Akzo Nobel Technology & Engineering, Deventer, NL</i>
14.30h	Analysing the effectiveness of risk reduction measures implemented <i>J. Fearnley and S.R. Nair, Aker Solutions, Stockton on Tees, GB</i>	Small scale online optimisation of a semi-batch reaction under industrial thermal conditions <i>P. Reuse, J. Lebrun, V. Legendre, A. Nanchen and F. Stoessel, Swiss Safety Insitute, Basel, CH</i>	Combustible dust hazard recognition - an insurer's view <i>H.L. Febo, FM Global, Norwood, MA, US</i>	Are micro reactors inherently safe? - An investigation of gas phase explosion propagation limits <i>C. Liebner and H. Hieronymus, BAM Federal Institute for Materials Research and Testing, Berlin, DE</i> <i>J. Fischer, BASF SE, Ludwigshafen, DE</i> <i>E. Klemm, Chemnitz Univeristy of Stuttgart, Stuttgart, DE</i>
14.45h	Modelling of hazardous zones around selected alternative energy sources <i>A. Bernatik, P. Senovsky, L. Kopecka and P. Jelinkova, VSB-Technical University of Ostrava, Ostrava-Vyskovice, CZ</i>			Safety considerations for implementation of microdesigned equipment <i>O. Klais, DECHEMA, Frankfurt am Main, DE</i> <i>O. Köper and B. Vollbrecht, Siemens AG, Frankfurt am Main, DE</i>
15.00h	Presentation EFCE award winner : Multi-perspective advanced computer simulation as a tool for reliable consequence analysis <i>S. Sklavounos, Hellenic Military Academy, GR</i> <i>F. Rigas, Technical Chamber of Greece, Athens, GR</i>			Key factors for a safe design of a VOCs treatment system <i>A. Pey, Instituto Suizo de Seguridad, Barcelona, ES</i> <i>G. Suter, Swiss Institute of Safety and Security, Basel, CH</i>

15.30h	<p style="text-align: center;">ROOM : AMBASSADEUR <i>Chairs : P. Schmelzer - A. Jacobsson</i> Plenary 4 : Presentation EPSC award. Introduction of the DVD presentation : Process safety pays <i>C. Jochum, EPSC Director of Centre</i></p>
16.00h	<p style="text-align: center;">16.00h - 18.00h COFFEE BREAK / POSTERS / EXHIBITION</p>
19.30h	<p style="text-align: center;">19.30h - 23.00h DINNER</p>