

Monday, June 7, 2010

08.00h	REGISTRATION			
09.00h	OPENING			
09.15h	ROOM : AMBASSADEUR <i>Chairs : E. De Rademaeker - G. Suter</i> Plenary 1 : Safety expectations versus field achievement : bridging the gap <i>J.M. Jaubert, Total, SG/SEI, Paris La Defense, FR</i>			
10.00h	COFFEE BREAK			
	ROOM : AMBASSADEUR	ROOM : MOZART	ROOM : ERASMUS	ROOM : BEETHOVEN
	Session 1 : Risk Assessment and Control <i>Chairs : M. Considine - S.S. Buratti</i>	Session 4 : Risk Assessment and Control (continued) <i>Chairs : A. Jacobsson - G. Reniers</i>	Session 7 : Learning from Accidents and Knowledge Transfer <i>Chairs : P.J. Bots - H. Plasmans</i>	Session 10 : Human Factors and Safety Management Systems <i>Chairs : N. Jensen - F. Dieryck</i>
10.30h	Mitigation of vapour cloud explosions using flame inhibitors <i>K. van Wingerden and B. Wilkins, GexCon AS, Bergen, NO</i> <i>P. Hoorelbeke, Total Petrochemicals, Brussel, BE</i>	SEVESEO: earth observation based services in support to industrial and technological risk management <i>F. Lefebvre, S. Kempenaers and N. Smeets, VITO, Mol, BE</i> <i>M. Booten and J.-P. Ringlet, APS, BE</i> <i>J. Meulenbrugge, TNO, NL</i> <i>T. Pénelon, INERIS, FR</i> <i>M. Paganini, ESA, ESRIN, IT</i>	Improving the understanding of process safety management <i>R.D. Turney and I. Thorpe, Institution of Chemical Engineers, Chester, GB</i>	Experiences in assessment of process safety management system <i>F. Gambetti and A. Casalli, ENI div. R&M, Roma, IT</i> <i>S. Milanese, Arthur D. Little, Milano, IT</i>
11.00h	A steel tube or a buffer zone for mitigating blast effects of a BLEVE on a building spanning an underpass <i>S. Suddle, Delft University of Technology, Delft and SSCM-Suddle Safety Consultancy & Management, Schiedam, NL</i> <i>J. Weerheijma and A.C. van den Berg, TNO Defence, Rijswijk, NL</i>	Quantitative risk analysis and failure frequencies in Flanders <i>M. Bogaert, Vlaamse Overheid, Brussel, BE</i>	Strategy in the knowledge infrastructure for safe chemical and energy industries <i>Y. Oostendorp, H.J. Pasman and N.H.W. van Xanten, Hazardous Substances Council, Den Haag, NL</i>	Process safety metrics, diagnosis and control - aspects of a holistic approach <i>B. Knegtering, Honeywell Safety Solutions, 's Hertogenbosch, NL</i> <i>H.J. Pasman, Texas A&M University, College Station, TX, US</i>
11.15h		Accuracy in quantitative risk assessment? <i>J.R. Taylor, Dome Oilfield Services, Abu Dhabi</i>		
11.30h	Recent advances in LNG field experiments and modeling of LNG release and mitigation scenarios <i>M.A. Rana, R. Qi, G. Yun, D. Ng and M.S. Mannan, Mary Kay O'Connor Process Safety Center, College Station, TX, US</i>	A practical guide for risk assessment of remotely operated high hazard explosive manufacturing/processing facilities <i>J.R. Bingham, Atkins, Bristol, GB</i>	Fires and explosions initiated by static electricity - case histories <i>M. Glor, Swiss Institute for the Promotion of Safety and Security, Basel, CH</i> <i>A. Pey, Instituto Suizo de Seguridad, Barcelona, ES</i>	One company's experience with process safety metrics <i>B. Boyle, Blechynden Limited, Shepperton, GB</i> <i>M.P. Broadribb, BP America Inc., Houston, TX, US</i> <i>S.J. Tanzi, PricewaterhouseCoopers LLP, Chicago, IL, US</i>
11.45h		Ignition of explosive atmospheres by mechanically generated sparks <i>F. Welzel, T. Ott and M. Beyer, Physikalisch-Technische Bundesanstalt, Braunschweig, DE</i> <i>C.-P. Klages, Technische Universität Braunschweig, Braunschweig, DE</i>		

12.00h	<p>Medium scale LNG experiments at Brayton fire training field, Texas and their relationship to process safety in the LNG industries in Qatar <i>R. Qi and S. Mannan, Mary Kay O'Connor Process Safety Centre, Texas A&M University, Texas, US</i> <i>O. Basha and S. Waldram, Texas A&M University, Doha, QT</i> <i>T. Olewski, Texas A&M University, Doha, QT and Technical University of Lodz, PL</i></p>			<p>Governance of process safety within a global energy company <i>M. McBride and C. Collinson, Centrica plc, Windsor, Berkshire, GB</i></p>
12.30h	LUNCH, EXHIBITION & POSTERS			
	ROOM : AMBASSADEUR	ROOM : MOZART	ROOM : ERASMUS	ROOM : BEETHOVEN
	<p>Session 2 : Risk Assessment and Control (continued) <i>Chairs : J. Van Steen – E. Van Gils</i></p>	<p>Session 5 : Risk Assessment and Control (continued) <i>Chairs : A.S. Markowski – M. Bogaert</i></p>	<p>Session 8 : Learning from Accidents and Knowledge Transfer (continued) <i>Chairs : M. Kozuh – J. Clerinx</i></p>	<p>Session 11 : Human Factors and Safety Management Systems (continued) <i>Chairs : R.D. Turney – D. Roosendans</i></p>
13.30h	<p>Overview of results after six years of risk assessment for land use planning in Walloon Region (Belgium) <i>L.Servranckx, N. Cornil, C. Fiévez, T. Katz, F. Tambour and C.Delvosalle, Faculté Polytechnique de Mons, Major Risk Research Centre, Mons, BE</i> <i>F. Benjelloun and E. Lheureux, Ministère de la Région Wallonne, Jambes, BE</i></p>	<p>Acceptability parameters for industrial risk with respect to natural-technological interactions <i>E. Salzano and A. Basco, Istituto di Ricerche sulla Combustione, CNR, Napoli, IT</i> <i>V. Busini and R. Rota, Politecnico di Milano, Milano, IT</i> <i>E. Renni and V. Cozzani, Università di Bologna, Bologna, IT</i></p>	<p>Learning of the root factors of incidents potentially impacting the biofuel supply chains from some 100 significant cases <i>C. Rivière, G. Marlair and A. Vignes, INERIS, Verneuil-en-Halatte, FR</i></p>	<p>Optimising DCS-design through operator action analysis <i>K. Löwe, Brandenburg University of Applied Sciences, Brandenburg, DE</i> <i>D.I. Widiputri, Technische Universität Berlin, Berlin, DE</i> <i>H.-J. Löher, Bayer CropScience AG, Frankfurt am Main, DE</i></p>
14.00h	<p>A method to evaluate technical measures in a quantitative risk assessment method for land use planning <i>P.AM. Uijt de Hag, RIVM, Bilthoven, NL</i> <i>M. Heijne, Tebodin, Velsen-Noord, NL</i></p>	<p>Quantitative evaluation of equipment fragmentation and missile impact hazards in industrial accidents <i>A. Tugnoli, G. Gubinelli and V. Cozzani, Universtà di Bologna, Bologna, IT</i></p>	<p>Investigation of an explosion in a gasoline purification plant <i>K. van Wingerden and T. Skjold, GexCon AS, Bergen, NO</i></p>	<p>Testing the validity and reliability of a safety culture model: a practitioner's perspective <i>E. Novatsis and P. McCormick, Woodside, Perth, AU</i> <i>R. Lardner, The Keil Centre Ltd., GB</i></p>
14.30h	<p>Land use planning around hazardous onshore pipelines: implementation of the French new principles <i>S. Descourriere, S. Chaumette and B. Debray, INERIS, Verneuil-en-Halatte, FR</i></p>	<p>A new approach to optimizing facility layout by mapping risk estimates on plant area, monetizing and minimizing <i>S. Jung, D. Ng, H.J. Pasman and M.S. Mannan, Mary Kay O'Connor Process Safety Center, Texas A&M University, College Station, TX, US</i></p>	<p>Hybrid mixtures explosions: case study of oil cakes and hexane mixtures in biofuels industries <i>I. Khalili, O. Dufaud, L. Perrin and H. François, Nancy-Université, CNRS, Nancy, FR</i> <i>F. Putier, Tecaliman, Nantes, FR</i></p>	<p>Proposals for the optimization of company internal risk communication <i>A. Gitzi, Swiss Institute for the Promotion of Safety and Security, Basel, CH</i></p>
14.45h				
15.00h	COFFEE BREAK, EXHIBITION & POSTERS			

	ROOM : AMBASSADEUR	ROOM : MOZART	ROOM : ERASMUS	ROOM : BEETHOVEN
	<p>Session 3 : Risk Assessment and Control (continued)</p> <p><i>Chairs : M. Considine - E. Van Gils</i></p>	<p>Session 6 : Risk Assessment and Control (continued)</p> <p><i>Chairs : P. Schmelzer - B. Fabiano</i></p>	<p>Session 9 : Learning from Accidents and Knowledge Transfer (continued)</p> <p><i>Chairs : Z. Novak Pintarac - J. Clerinx</i></p>	<p>Session 12 : Human Factors and Safety Management Systems (continued)</p> <p><i>Chairs : R.D Turney - L. Plasmans</i></p>
15.30h	<p>The introduction of the living building concept in land use planning and external safety issues</p> <p><i>S. Suddle, Delft University of Technology, Delft and SSCM-Suddle Safety Consultancy & Management, Schiedam, NL</i> <i>H. de Ridder and T. Ghauharali, Delft University of Technology, Delft, NL</i></p>	<p>Risk evaluation in workplaces characterized by potential explosion hazards</p> <p><i>R. Lisi and M.F. Milazzo, University of Messina, Messina, IT</i> <i>G. Maschio, University of Padova, Padova, IT</i></p>	<p>Fundamental design flaws; learning from Formosa point comfort</p> <p><i>I. Clarke, Zurich Risk Engineering, Melbourne, AU</i></p>	<p>Safety culture in the construction industry. The reality beyond working safely</p> <p><i>G. Arendsz, Leiden University, Leiden, NL</i></p>
15.45h	<p>Methodology of risk assessment of Seveso explosives storage sites for land use planning in Walloon Region (Belgium)</p> <p><i>F. Tambour, N. Cornil, C. Fiévez, L. Servranckx and C. Delvosalle, Faculté Polytechnique de Mons, Mons, BE</i> <i>F. Benjelloun, E. Lheureux and T. Katz, Ministère de la Région Wallonne, Jambes, BE</i></p>	<p>Appropriate initial and boundary conditions for CFD dispersion modelling for emergency preparedness</p> <p><i>J. Labovsky and L. Jelemensky, Slovak University of Technology, Bratislava, SK</i></p>	<p>Problems in the preparation of explosion documents</p> <p><i>A. Gitzi, F. Geissmann, F. Gsell and G. Suter, Swiss Institute for the Promotion of Safety and Security, Basel, CH</i></p>	<p>External manufacturing EHS best practices</p> <p><i>T. Janicik, Covidien, Hazelwood, US</i></p>
16.00h	<p>Comparative sensitivity analysis of representative toxic release scenarios</p> <p><i>N. Pandya, Institut pour une Culture de Sécurité Industrielle, Toulouse and Université de Toulouse, INPT, Toulouse, FR</i> <i>E. Marsden, Institut pour une Culture de Sécurité Industrielle, Toulouse, FR</i> <i>N. Gabas, Université de Toulouse, INPT, Toulouse, FR</i></p>	<p>Empirical regression models for quick assessment of chemical accident consequences</p> <p><i>D. Fras and Z. Novak Pintaric, University of Maribor, Maribor, SI</i></p>	<p>Explosion of an explosion-protected electric torch</p> <p><i>U. Johannsmeyer, Physikalisch Technische Bundesanstalt, Braunschweig, DE</i> <i>C.-D. Walther, Currenta GmbH & Co. OHG, Leverkusen, DE</i></p>	<p>A development supporting program of emergency preparedness plan</p> <p><i>J. Park, Y. Lee and Moon, Engineering Yonsei University, Seoul, KR</i> <i>Y. Yoon and S. Kim, National Institute of Environmental Research, KR</i></p>
16.15h	<p>Occupational acute toxic hazard evaluation and prevention during process development stage</p> <p><i>M.H. Hassim and K. Kidam, Helsinki University of Technology, Espoo, FI and Universiti Teknologi Malaysia, MY</i> <i>M. Hurme, Helsinki University of Technology, Espoo, FI</i></p>	<p>Risk assessment of gas storage unit for compressed natural gas fueling stations</p> <p><i>A. Miyake and A. Okuno, Yokohama National University, Yokohama, JP</i> <i>S. Kikukawa, Hydrogen Energy Test and Research Center, Fukuoka, JP</i></p>	<p>Classification of causes of chemical accidents by means of progress flow analysis (PFA)</p> <p><i>K. Katoh, K. Nishimiya, E. Higashi and K. Nakano, Fukuoka University, JP</i> <i>S. Abe, S. Uchimura, K.O. Heisig, Y. Ogata, M. Wakakura and Y. Wada, RISS - AIST, Tsukuba, JP</i></p>	<p>An integrated approach to PSM implementation</p> <p><i>M. Fisher, DNV Energy, GB</i></p>

16.30h	Integrating the reliability of fire & gas detection systems into the quantitative risk analysis framework <i>J. Dunj3 and J. Campos, Swiss Safety Institute, ES</i>	The development of a transport of dangerous goods risk analysis methodology in Flanders (TRANS) <i>M. van Leest, Vlaamse Overheid, Brussel, BE</i> <i>G. Reniers, Antwerp University, Antwerpen, BE</i>	Re-learning process safety <i>R. Hutchison and M. Brown, Bow-Tie Consulting Pty Ltd, AU</i>	Comparing safety procedures and the level of safety in Seveso implementing countries, a case study <i>K. Kotisalo, L. Ahonen and A.-M. L3hde, Tukes, Helsinki, FI</i>
16.45h	Determination of uncertainty in modeling of accidental releases of dangerous chemical substances <i>A.S. Markowski and D. Siuta, Technical University of Lodz, Lodz, PL</i>	Modelling polyurethane foams for thermal protection of dangerous goods rail tank cars in North America <i>A.M. Birk, Queen's University, Kingston, Ontario, CA</i>		
17.00h	17.00h - 18.00h EXHIBITION / POSTERS			
18.15h	RECEPTION TOWN HALL + BOAT TRIP EFCE AWARD			