

Detailed Conference Program for TIEMS 2001 in Oslo

Monday 18th June 2001

1800 – 2000 *Conference Registration at Holmenkollen Park Hotel*

Tuesday 19th June 2001

0800 *Conference Registration opens*

1000 – 1200 Fire Drill onboard DFDS Seaways Ferry/Buses leave hotel 0930

1200 – 1300 *Lunch onboard DFDS Seaways Ferry/ Buses leave for hotel 1300*

1400 - 1445 Opening of the conference

1445 - 1530 *"Emergency Management in a Changing World"*

Director General Helen Bøsterud

Norwegian Directorate for Civil Defense and Emergency Planning, NORWAY

1600 - 1645 *"The Globally Harmonised System (GHS) for Hazard Classification and Labelling. Development of a Worldwide System for Hazard Communication"*

Jennifer Silk, Director, Office of Technical Programs and Coordination Activities

U.S. Occupational Safety and Health Administration, USA

1645 - 1700 Introduction of Table-Top Exercise

1700 – 1800 Introduction to the different sessions

1900 – 2030 *Reception and tour of Town Hall/Buses leave hotel 1830*

Wednesday 20th June 2001

0830 - 0845 Det norske Veritas Video

"DNV Emergency Response Service (ERS) – A video presentation"

Arne Juell Myklebust, Det Norske Veritas, NORWAY

0845 - 0930 A Table-Top Exercise

"A 'Hands-On' Approach to Crisis Management Training - A Table-Top Exercise"

Mike Seear, Nutec Crisis Management AS, NORWAY

1000 – 1800 4 parallel sessions

1900 – 2200 *Sail ship trip with S/V Legend in the Oslo Fjord/Buses leave hotel 1830*

Thursday 21th June 2001

0830 – 0840 SGI Norway Video/Plenary session

"Virtual Los Angeles: Emergency response applications of virtual reality – A video presentation"

Erling Teig, SGI, NORWAY

0840 - 0850 *"The relevance of passenger safety in the European Commission research programme for marine technologies".*

Claudia Vivalda, EU Commission, BELGIUM

0850 – 0910 *"Human behavior in ship evacuation: Contributions of MEP design"*

Louis Boer, TON Human Factors, THE NETHERLANDS

0910 – 1000 Introductions to the different sessions

1030 – 1230 4 parallel sessions

1230 – 1430 *Lunch with TIEMS annual meeting*

1430 - 1800 4 parallel sessions

1900 – 2300 *Conference Dinner at Norwegian Maritime Museum/Buses leave hotel 1830/Back 2300*

Friday 22nd June 2001

0830 – 1000 Panel Discussion

"The risk and consequences of disasters in transportation"

• Moderator Rolf Løvstrom, Norske Skog, NORWAY

1030 – 1530 4 Parallel Sessions

1600 – 1630 Conference Conclusions

1630 *End of conference*

Wednesday 20th June 2001

Parallel session 5 in room Main 1: Decision Support in Emergency Response

Chairman: Giampiero Beroggi

Co-Chairman: Bjørn Gran

- 1000 - 1030 *“Group Decision Making in Emergency Response at the Harbour of Rotterdam”*
Marnix Bouwman, Daan van Gent and Giampiero E.G. Beroggi
Port of Rotterdam, THE NETHERLANDS
- 1030 - 1100 *“Assessing Group Decision Support Systems for Emergency Response Using Gaming Simulation”*
David Mendonça, Giampiero E. G. Beroggi, Daan van Gent and William A. Wallace
Rensselaer Polytechnic Institute, USA
- 1100 - 1130 *“Group Decision Making in Infrastructure Safety Planning”*
Nils Rosmuller and Giampiero E. G. Beroggi
Institute of Firebrigades and Disaster Management, THE NETHERLANDS
- 1130 - 1200 *“Breaking the Barriers: Facilitating Efficient Command and Control in Multi-Service Emergency Management”*
Arne Worm
Swedish National Defence College, SWEDEN
- 1200 - 1230 *“Functional specifications of a decision-support system for emergency management”*
Marcel P.W. van Berlo
TNO Human Factors, THE NETHERLANDS
- 1230 - 1400 *Lunch*
- 1400 - 1430 *“Gathering Information for Decision Making Purposes within the Safety System”*
Roger Saunders
Brighton University Business School, UK
- 1430 - 1500 *“Decision Support System for Disaster Communications in Dalmatia”*
Juraj Buzolić, Nenad Mladineo and Snježana Knežić
University of Split, CROATIA
- 1500 - 1530 *“Computer network based decision support system for emergency response in case of chemical accidents”*
M. Borysiewicz and S. Potemski
Institute of Atomic Energy, POLAND
A. Galkowski,
Institute of Plasma Physics and Laser Micosynthesis, POLAND
- 1530 - 1600 *“Risk evaluation and management in small and medium enterprises, exploratory case study in the field of technological risk”*
Frank GUARNIERI & Eric RIGAUD
Ecole des Mines de Paris – Pôle Cindyniques, FRANCE
- 1600 - 1630 *Coffee*
- 1630 - 1700 *“SARPlan: A decision support system for optimal planning of Search and Rescue operations”*
Bernard Doyon and Irène Abi-Zeid
Defence Research Establishment Valcartier (DREV), CANADA
- 1700 - 1730 *“The Emergency Management: Decision Support Systems And The Role Of Poorly Formalized Information”*
Vladimir B. Britkov, Gleb S.Sergeev
Institute for Systems Analysis, Russian Academy of Sciences, Russia
- 1730 – 1800 *“Simulation Techniques for Training Emergency Response”*
J. Peter Kincaid
Institute for Simulation and Training, University of Central Florida, USA
- 1800 *End of session*

Wednesday 20th June 2001

Parallel session 6 in room Main 2: Technology for Disaster Information Network

Chairman: Vladimir Britkov

Co-Chairman: Arne Juell Myklebust

- 1000 - 1030 *"Development of the real time monitoring system for the national disaster information system in Korea"*
Duke H. Deong, Chung-ku, Seoul, KOREA
- 1030 - 1100 *"Space + Time: Interoperable IT Architecture for 4 Dimensional Scenerios"*
Ulrich Klein
Fraunhofer Institute for Factory Operation and Automation, GERMANY
- 1100 - 1130 *"Information and Communication Technologies for flood warning in England and Wales"*
Dennis J Parker
Flood Hazard Research Centre, Middlesex University Business School, UK
Christopher Haggett
Environment Agency, Thames Region, UK
- 1130 - 1200 *"The Development of an Crisis, Emergency, and Risk Management Enabling Technology Center"*
John R. Harrald and Irmak Renda-Tanali
The George Washington University, USA
- 1200 - 1230 *"Technological innovation in fire fighting, an ICT approach"*
John A. Stoop and Paul van Dooren
Delft University of Technology, THE NETHERLANDS
- 1230 - 1400 *Lunch*
- 1400 - 1430 *"Using the GIS Technology as a Tool in Risk Management for Natural Disasters"*
Cahid Aybet and Tülin Yazgaç
Istanbul Kultur University, TURKEY
- 1430 - 1500 *"Organization and Usage of Metadata on Disasters"*
Evgeny D. Vyazilov
Russian Research Institute of Hydrometeorological Information, RUSSIA
- 1500 - 1530 *Questions and discussion*
- 1530 *End of session*

Parallel session 7 in room Main 2: Legal Proceedings and Judicial Sanctions

Chairman: Ross Newkirk

Co-Chairman: Endre Bjordal

- 1530 - 1600 *"Enhanced Emergency Preparedness through Cooperation between Offshore Fields and installations"*
Jan Erik Vinnem
OLF/Preventor AS, NORWAY
- 1600 - 1630 *Coffee*
- 1630 - 1700 *"Handling a Chemical Highway Spill – A Practical Experience"*
Sandra Bowen
Flint Ink Corporation, CANADA
- 1700 - 1730 *"Will Stricter Regulations Improve Disaster Management?
A Discussion of The Norwegian Petroleum Directorate's Experience with the use of Functional Legal Requirements"*
Svein Olav Drangeid
The Norwegian Petroleum Directorate, NORWAY
- 1730 - 1800 *"Risk, Responsibility and Sanctions; are the relationships between them today reasonable?"*
Endre Bjordal
Norsk Hydro ASA (Former Safety Manager), NORWAY
- 1800 *End of session*

Wednesday 20th June 2001

Parallel session 8 in room Audit 1: Experience Management in Emergencies

Chairman: Jean Luc Wybo

Co-Chairman: Mike Seear

- 1000 - 1030 *"Systematic Review of the Røros Line Train Collision with aid of the STEP Method"*
Ove Skovdahl
Safety Departement, Norwegian National Rail Administration, NORWAY
- 1030 - 1100 *"Computer-Supported Visualisation of an Inter-Agency Exercise in
the Stockholm Underground"*
Mirko Thorstensson
Swedish Defense Research Agency, SWEDEN
- 1100 - 1130 *"MIND – Methods and Tools for Visualisation of Rescue Operations"*
Magnus Morin
The Department of Computer Information Science, Linköpings Universitet, SWEDEN
- 1130 - 1200 *"System Demonstration: MIND: A Tool for Visualising Rescue Operations"*
Magnus Morin and Mirko Thorstensson, SWEDEN
- 1200 - 1230 *"A methodology to share experiences in incident management"*
Wybo J L, Colardelle C, Poulossier M P and Cauchois D.
Ecole des Mines de Paris – Pôle Cindyniques, FRANCE
- 1230 – 1400 *Lunch*
- 1400 - 1430 *"Toyota Disaster Management Team: A Study In Program Ddevelopment"*
Janet L Mebust
Toyota Motor Sales, USA
- 1430 - 1500 *"Empowering the Responders to Learn From Real Incidents: A Swedish Research Initiative"*
Johan Jenvald, Bo Johansson, Anders Nygren and Sören Palmgren
Swedish Armed Forces Headquarters, SWEDEN
- 1500 - 1530 *"The Ferny Creek Fire Alert Trial"*
Norm Free and Robyn Hale
Shire of Yarra Ranges, Australia
- 1530 *End of session*

Parallel session 4 in room Audit 1: Natural Disaster and Risk Management

Chairman: Duke Deong

Co-Chairman: Jan Hovden

- 1530 - 1600 *"The Malaysian Flood Hazard Management Programme"*
Pin-Shuo Liu and Ngai Weng Chan
The University of Memphis, USA
- 1600 - 1630 *Coffee*
- 1630 - 1700 *"Floods: A Human Ecological Approach"*
Gordon Nelson, Ph.D.
University of Waterloo, CANADA
- 1700 - 1730 *"Remote Sensing Application For Operative Assessment Of Strong Earthquakes
Consequences"*
V. I. Larionov, N. I. Frolova, A. N. Ugarov
Emercom of Russia, RUSSIA
- 1730 - 1800 *Questions and discussion*
- 1800 *End of day/ session continues Thursday*

Wednesday 20th June 2001

Parallel session 12 in room Audit 2: Global Harmonization of Chemical Regulations

*Chairman: Jennifer Silk**Co-Chairman: Tor Østensen*

- 1000 – 1030 *“Regulatory Compliance – A Global Perspective”*
Jennifer Silk
U.S. Occupational Safety and Health Administration, USA
- 1030 - 1100 *“Global Harmonization and Transport: Physical and other Hazards”*
Sergio Benassai
ANPA (National Agency for the Protection of the Environment), ITALY
- 1100 - 1130 *“Globally Harmonized Classification for Health and Environmental Hazards”*
Anna-Liisa Sundquist
Ministry of Social Affairs and Health, FINLAND
- 1130 - 1200 *“The Globally Harmonized System for Hazard Classification and Communication”*
Kim Headrick
International Harmonization Officer, Health Canada, CANADA
- 1200 - 1230 *“Globally-harmonized Hazard Communication”*
Iona Pratt
Director of Specialist Units, Health and Safety Authority, IRELAND
- 1230 - 1400 *Lunch*
- 1400 - 1500 *Panel with all invited speakers for questions and discussion*
- 1500 - 1530 *“A Global Harmonized System commands a Global Solution for SME”*
Luc Séguin
Kemika XXI Inc, CANADA
- 1530 - 1600 *“Implementation Considerations for Internationally Harmonized Hazard Communication”*
Paul F. Moyer and Patricia Dsida
ChemADVISOR[®], Inc., USA
- 1600 – 1630 *Coffee*
- 1630 – 1700 *“From an Classical approach to internet based (ASP) MSDS authoring systems”*
Paul-Adrien Slegers
JPASS International sa/nv, BELGIUM
- 1700 – 1800 System demonstrations
- 1800 *End of session*

Thursday 21st June 2001

Parallel session 1 in room Main 1: Mustering and Evacuation Performance
Evaluation of Vessels

Chairman: Louis Boer

Co-Chairman: K. Harald Drager

- 1030 - 1100 *"Emergency Behaviour of Ferry Passengers"*
Michael May
Danish Maritime Institute, DENMARK
- 1100 - 1130 *"Wayfinding during emergencies."*
Louis Boer
TNO Human Factors, THE NETHERLANDS
- 1130 - 1230 *"Experimental Investigation of Evacuation Systems on Passenger Ships; Part 1; Lifeboat/Davit System"*
Elena Tsychkova and Olle Rutgersson
Royal Institute of Technology Naval Architecture, SWEDEN
"Experimental Investigation of Evacuation Systems on Passenger Ships; Part 2; Slide/Liferafts System"
Elena Tsychkova and Olle Rutgersson
Royal Institute of Technology Naval Architecture, SWEDEN
"Study of Fall; System for Safe Evacuation of Passenger Ships in Rough Weather"
Elena Tsychkova/Olle Rutgersson
Royal Institute of Technology Naval Architecture, SWEDEN
- 1230 - 1430 *Lunch with TIEMS annual meeting*
- 1430 - 1500 *"Walking in a Moving Environment"*
Willem Bles
TNO Human Factors, THE NETHERLANDS
- 1500 - 1530 *"Mustering exercise with 600 pax on board m/f Kronprins Frederik."*
H. Ditlev Jorgensen/Erling Ostergaard
Scandlines Danmark A/S, DENMARK
- 1530 - 1600 *"Mustering Simulation of Passenger Vessels"*
Helge Soma
Safetech-Nordic, NORWAY
"Lifeboat Evacuation Simulation for Vessels"
Helge Soma
Safetech-Nordic, NORWAY
- 1600 - 1630 *Coffee*
- 1630 - 1700 *"A microscopic model for simulating mustering and evacuation processes on-board passenger vessels"*
H. Klüpfel, T. Meyer-König, A. Kessel, J. Wahle, M. Schreckenberger
Gerhard-Mercator University, GERMANY
- 1700 - 1730 *"A Real-Time Interactive Mesoscopic Model for Passenger Evacuation in a Virtual Ship-Sea Environment and Performance-Based Evaluation"*
Dracos Vassalos, Hyunseok Kim, Guro Christiansen and Jayanta Majumder
University of Strathclyde, UK
- 1730 - 1800 *"The Computer Simulation of Passenger Ship Evacuation Performance"*
E R Galea, S Gwynne, D Blackshields, P Lawrence, and L Filippidis
Fire Safety Engineering Group, University of Greenwich, UK
- 1800 *End of day/ session continues Friday*

Thursday 21st June 2001

Parallel session 4 continues in room Main 2: Natural Disaster and Risk Management

Chairman: Duke Deong

Co-Chairman: Endre Bjordal

- 1030 - 1100 *"Using Gis Grid Automation Model In Management Decision-Making And Suppression Strategy Of Wildfires In A Heterogenous Landscape"*
Pin-Shuo Liu
Department of Geography, The University of Memphis, USA
- 1100 - 1130 *"Avoiding Flood Disasters: Two Important Considerations for Planners"*
Ross Newkirk
University of Waterloo, CANADA
- 1130 - 1200 *"Thinking the unthinkable - the end of the Dutch Riverdyke System? Exploring a New Safety Concept for the River Management"*
Bert Enserink
Delft University of Technology, THE NETHERLANDS
- 1200 - 1230 *"Effects Of Flooding Due To Tropical Storm Greg 1996 In Sabah, Malaysia: Some Lessons Learnt In Emergency Management"*
Ngaiweng Chan
The University of Memphis, USA
- 1230 - 1430 *Lunch with TIEMS annual meeting*
- 1430 - 1500 *"Geo information Technology of Assessment of Air Pollution Impact on Landscape for Nature Safety Management"*
Yuri Polichtchouk
Institute of Petroleum Chemistry, Russian Academy of Sciences, RUSSIA
- 1500 - 1530 *"Natural Slope Instability Measures Of Roads In Hill Country, Sri Lanka"*
A A Virajh Dias, Upul Gunasekara and Nihal Rupasinghe
CECB, SRI LANKA
- 1530 - 1600 *"Aseismic Bearing with Partially or Totally Curved Sliding Surface and with Angular Corrector"*
Federico Bartolozzi
Civil Engineer and Independent Researcher, ITALY
- 1600 - 1630 *Coffee*
- 1630 - 1700 *Questions and discussion*
- 1700 *End of session*

Parallel session 3 in room Main 2: Disaster and Risk Management in Transportation Systems

Chairman: Jack R. Harrald

Co-Chairman: Sverre Roed Larsen

- 1700 - 1730 *"Why are Transport-Risk Analysis Wrong"*
Edoardo Galatola
Sindar SRL, ITALY
- 1730 - 1800 *"A New Risk: The Crash Of Bullet-Trains"*
Gunnar J. Kuepper
Emergency & Disaster Management, Inc., USA
- 1800 *End of day/ session continues Friday*

Thursday 21st June 2001

Parallel session 11 in room Audit 1: Personnel Training and Selection in Emergency Management

Chairman: Verner Andersen

Co-chairman: Harald Bergmann

- 1030 - 1100 *“Education of Doctors and Nurses in Emergency Medicine with the use of MUSTER simulation system”*
Tom Steinov and Lis Hoffensetz
Office of Hospital Emergency Planning of Greater Copenhagen, DENMARK
- 1100 - 1130 *“Bush Fire, a Fire-Fighting game with potential applications to the training of Forest-Fire Emergency staff”*
Verner Andersen and Leif Loevborg
Risoe National Laboratory, DENMARK
- 1130 - 1200 *“Computerized Emergency Training by Virtual Accident Simulation: A Test Case Demonstrator for the A-team System Application in an Industrial Risk Context”*
Fausto Zani
SYRECO – Gavirate (VA), ITALY
Gianmario Gneccchi
Bergamo Province Fire Brigade - Italian National Fire Corp, ITALY
Gaetano Vallefuoco
Veneto and Trentino Alto Adige Fire Brigade Inspector Office, ITALY
- 1200 - 1230 *“The Discover Project - Developing Industrial Competences Through Virtual Environments”*
Lisbeth Hansson
Norwegian Institute of Marine Technology (MARINTEK), NORWAY
- 1230 - 1430 *Lunch with TIEMS annual meeting*
- 1430 - 1500 *“The DISCOVER simulator – crisis management through collaborative learning”*
Simen Hagen and Ragnhild Halvorsrud
Telenor FoU, NORWAY
- 1500 - 1530 *Questions and discussion*
- 1530 *End of session*

Parallel session 2 in room Audit 1: Web Based and Virtual Decision Support Tools for Risk and Emergency

Chairman: Claudio Balducelli

Co-Chairman: Erling Teig

- 1530 - 1600 *“Modelling of Information Processes in Emergency Management with Intelligence and WEB based Systems Implementation”*
Vladimir B. Britkov
Institute for System Analysis, Russian Academy of Science, RUSSIA
- 1600 - 1630 *Coffee*
- 1630 - 1700 *“Emergency Management and World Wide Web: Organizing Information Resources for the Digital Age”*
Claire B. Rubin
The George Washington University, USA
- 1700 - 1730 *“A Web Based Tool for Emergency Management in Maritime Industry”*
Peik Jenssen,
Det Norske Veritas, NORWAY
David Jaramillo
Germanischer Lloyd, GERMANY
- 1730 - 1800 *“Web Based Virtual Frameworks for Emergency Decision Support Systems”*
Claudio Balducelli/Vicoli
ENEA Casaccia, ITALY
- 1800 *End of day/session continues Friday*
- Thursday 21st June 2001

Parallel session 9 in room Audit 2: The Role of the Social Science in Emergency Management

Chairman: Kathleen Kowalski

Co-Chairman: Jan Hovden

- 1030 - 1100 *“Issue in Emergency Management: A look at Reason and Emotion – Judgement and Decision making under Stress”*
Kathleen Kowalski
Pittsburgh Research Laboratory, NIOSH, USA
- 1100 - 1130 *“International Harmonization of Dealing with Human Factor Aspects during Incidents and Calamities in the Maritime Context”*
René Butter
MarineSafety International Rotterdam b.v., THE NETHERLANDS
- 1130 - 1200 *“Regulations and risk control in a vulnerable society: Points at issue”*
Jan Hovden
Norwegian Academy of Science/NTNU, NORWAY
- 1200 - 1230 *“Selection Of Emergency Management Personnel”*
Najib A. Marzuki
School of Social Development, Universiti Utara Malaysia, MALAYSIA
- 1230 - 1430 *Lunch with TIEMS annual meeting*
- 1430 - 1500 *“Training Teamwork Skills To Prepare for Emergency Management”*
Simone Stroomer, MSc., THE NETHERLANDS
- 1500 - 1530 *Questions and discussion*
- 1530 *End of session*

Parallel session 10 in room Audit 2: Building a Successful Disaster Management System

Chairman: Jean Luc Wybo

Co-Chairman: Jan Hovden

- 1530 - 1600 *“Building a Datawarehouse in Natural Disasters: A Case Study of Korean Government”*
Young-Jai Lee
Dongguk University Seoul, KOREA
- 1600 - 1630 *Coffee*
- 1630 - 1700 *“Developments of Emergency Planning in Italy”*
Edoardo Galatola/Graziella Palla
Sindar SRL, ITALY
- 1700 – 1730 *“Proposal of the Establishment of a National Disaster Research and Management Agency in the Algerian Government Structure”*
Djillali Benouar
USTHB, FES, Civil Engineering Dept., ALGERIA
- 1730 - 1800 *“And For Our Next Adventure...Tourists as Potential Disaster Victims”*
Charles Kelly, USA
- 1800 *End of day/session continues Friday*

Friday 22nd June 2001

Parallel session 10 continues in room Main 1: Building a Successful Disaster Management System

Chairman: Jean Luc Wybo

Co-Chairman: Endre Bjordal

- 1030 - 1100 *"Using the predictive epistemic uncertainty approach to risk analysis in the design against catastrophic events"*
Ove Njå and Terje Aven
Rogaland Research and Stavanger University College, NORWAY
- 1100 - 1130 *"How California Uses the Incident Command System As Part of Its Standardized Emergency Management System"*
Michael E. Martinet
Office of Disaster Management - Area G, USA
- 1130 - 1200 *"The Future of Emergency Management: The Search for a Paradigm and Policy Guide"*
David A. McEntire
University of North Texas, USA
- 1200 - 1230 *"Implementation of a Dynamic Oil Spill Response Regime for the Norwegian Continental Shelf"*
Tharald Brekne
NOFO, NORWAY
- 1230 - 1400 *Lunch*
- 1400 - 1430 *"Recurrent Themes in Comprehensive Emergency Management"*
Richard Weber and David A. McEntire
University of North Texas, USA
- 1430 - 1500 *"The Community Risk Based Emergency Management Plan"*
Norm Free and David Hodgett
Shire of Yarra Ranges, AUSTRALIA
- 1500 - 1530 *Questions and discussion*
- 1530 *End of session*
- 1530 - 1600 *Coffee*

Friday 22nd June 2001

Parallel session 3 continues in room Main 2: Disaster and Risk Management in Transportation Systems

Chairman: Jack R. Harrald

Co-Chairman: Sverre Roed-Larsen

- 1030 - 1100 *“Joint Accident Investigation Commissions - Experiences, Benefits and Dilemmas”*
Sverre Roed-Larsen
Norwegian Work Research Institute, NORWAY
- 1100 - 1130 *“Major Aviation Disasters-Strategies to Save Lives and Control the Incident”*
Gunnar J. Kuepper
Emergency & Disaster Management, Inc., USA
- 1130 - 1200 *“Runway incursions, a cause for improved risk modelling”*
J. A. Stoop
Delft University of Technology, THE NETHERLANDS
- 1200 - 1230 *“Are we prepared to deal with the unintended maritime crisis and emergency management consequences of eco-tourism?”*
John R. Harrald and J. Rene van Dorp
Institute for Crisis, Disaster, and Risk Management, The George Washington University, USA
- 1230 - 1400 *Lunch*
- 1400 - 1430 *“Vessel Port Interface Programs as Risk Management Tools”*
Elizabeth Freese
Green Ports, USA
Roger Roue
Society of International Gas Tanker Terminal Operators, UK
- 1430 - 1500 *“Sick Ships – A Call For Improved Surveillance & Alert Systems to Mitigate Disease Outbreaks On Cruise Ships”*
Dennis M. Egan PE
Egan-Engineering-Services.Com, USA
- 1500 - 1530 *Questions and discussion*
- 1530 *End of session*
- 1530 - 1600 *Coffee*

Friday 22nd June 2001

Parallel session 1 continues in room Audit 1: Mustering and Evacuation Performance Evaluation of Vessels

Chairman: Louis Boer

Co-Chairman: K. Harald Drager

- 1030 - 1100 *"SPECS a mustering simulation tool for the evacuation of Passenger Vessels"*
 Jean-Yves Pradillon and Michel Ferry
 Design Tools R&D Department at IRCN, FRANCE
- 1100 - 1130 *"A Vital Issue: Escaping When A Disaster Occurs"*
 J. A. Beele
 Beele Engineering B.V., THE NETHERLANDS
- 1130 - 1200 *"Use of Directional Sound for Ship Evacuation"*
 Deborah Withington
 University of Leeds, UK

Parallel session 2 continues in room Audit 1: Web Based and Virtual Decision Support Tools for Risk and Emergency

Chairman: Claudio Balducelli

Co-Chairman: Erling Teig

- 1200 - 1230 *"Computerised Procedures for Emergency Management"*
 Rosella Bisio, John Einar Hulsund, Svein Nielsen
 OECD Halden Reactor Project, NORWAY
 Massimo Sepielli
 ENEA, ITALY
- 1230 - 1400 *Lunch*
- 1400 - 1430 *"Web Based Decision Support Tool "Extremum" In Order To Response To Strong Earthquakes"*
 M. A. Shakhramanjan, G. M. Nigmatov, V. I. Larionov
 A. V. Nikolaev, N. I. Frolova, S. P. Suchshev & A. N. Ugarov
 Emercom of Russia, RUSSIA
- 1430 - 1500 *"Virtual Reality Tools for Emergency Operation Support and Training"*
 Michael Louka
 OECD Halden Reactor Project, NORWAY
 Claudio Balducelli
 ENEA Casaccia, ITALY
- 1500 - 1530 *"Using Virtual Reality on WWW for Emergency Planning in Urban Environment"*
 Osvaldo Aronica, Giovanni Dipoppa and Raffaele Iannucci
 ENEA, ITALY
 Nicola Tanzi
 CETMA, ITALY
- 1530 *End of session*
- 1530 - 1600 *Coffee*

Friday 22 June 2001

Parallel session 13 in room Audit 2: Thematic Network SAFER EURORO

THEMATIC NETWORK: “DESIGN FOR SAFETY” SAFER-EURORO



"Mid Term" Meeting, year 4 - Friday 22 June 2001 OSLO, NORWAY

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|---------------|--|
| 09:00 – 09:15 | Welcome and introduction – D Vassalos |
| 09:15 – 09:40 | Correspondence from the Commission, Claudia Vivalda DG RTD H2 |
| 09:40 – 10:15 | TA 1 Pierre Sames GL – Presentation on Project DEXTREMEL |
| 10:15 – 10:25 | Coffee |
| 10:25 – 11:00 | TA 2 Paul Gallagher W S Atkins |
| 11:00 – 11:35 | TA 3 Jan de Kat/Lex Vredevelt MARIN/TNO |
| 11:35 – 12:10 | TA 4 Jean-Paul Borleteau |
| 12:10 – 12:45 | TA 5 Mario Dogliani |
| 12:45 – 13:30 | Lunch |
| 13:30 – 14:15 | Risk Assessment Team Presentation/Design Team Presentations
Rolf Skjong - Update on Formalised Safety Related Activities
A Papanikolaou - Virtual Demonstrator – Development and update on The
State of the art report on Passenger Ship Design |
| 14:15 – 15:45 | New Projects - Individual Project Development meetings |
| 15:45 – 16:00 | Coffee |
| 16:00 - 17:30 | Plenary Session
SAFER EURORO – continuation phase II
Year Four Milestones and Deliverables
New Projects - Discussion
SAFER EURORO Final Workshop – Crete October 2001 |
| 17:30 | Close |