



WORKINGONSAFETY.NET

International
Network on the
Prevention of
Accidents &
Trauma at
Work

Organizer:



Hellenic Institute For
Occupational Health And Safety

With the Support of:

HELLENIC MINISTRY
OF EMPLOYMENT
AND SOCIAL PROTECTION



International Labour Office



European Agency
for Safety and Health
at Work



European Network of Safety
& Health Professional Organisations

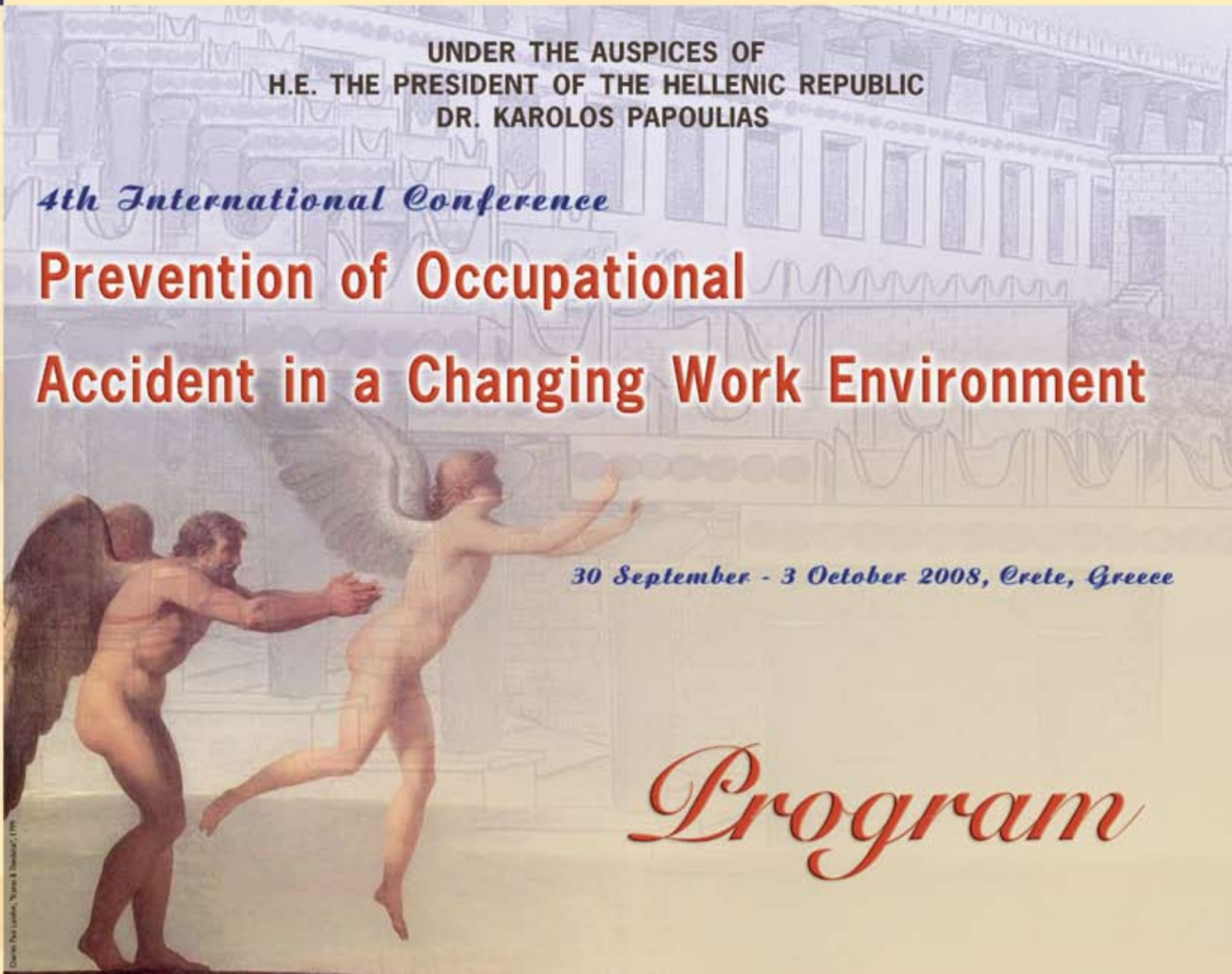
UNDER THE AUSPICES OF
H.E. THE PRESIDENT OF THE HELLENIC REPUBLIC
DR. KAROLOS PAPOULIAS

4th International Conference

Prevention of Occupational Accident in a Changing Work Environment

30 September - 3 October 2008, Crete, Greece

Program





WELCOME



Dear participants,

A major problem encountered nowadays in industrialised as well as developing countries is accidents at work and the management of occupational safety risks.

The WorkingOnSafety network has established, over the last 6 years, three-day conferences in which experts from all over the world exchange ideas, knowledge and experiences on the prevention of accidents at work.

The Hellenic Institute for Occupational Health and Safety (ELINYAE) has the honour to organise the 4th International Conference of the network which is held at the island of Crete, Greece.

The main theme of this conference is: "Prevention of occupational accident in a changing work environment".

Participants will have the opportunity to discuss their ideas on occupational accident prevention with emphasis on new trends in the changing work environment.

Therefore, I welcome you all to Crete hoping that this conference will contribute to our common effort to prevent accidents in the new changing work environment.

Best regards,

The President
of the Hellenic Institute for Occupational Health and Safety

Ioannis Drapaniotis



International Committee

Walter Eichendorf, Dr.

German Social Accident Insurance (DGUV), Germany

Andrew Hale

Professor, Safety Science Group, Delft University of Technology, Netherlands

Jan Hovden,

Professor, Safety, Health and Environment Group, NTNU, Norway

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Tore Larsson

Professor, School of Technology & Health, Royal Institute of Technology, Sweden

Vasilios Makropoulos

Scientific advisor, ELINYAE, Professor of Occupational and Industrial Hygiene at the National School of Public Health (NSPH), Greece

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Ministry of Social Affairs and Employment, the Netherlands

Paul Swuste

Associate Professor, Safety Science Group, Delft University of Technology, the Netherlands

Jukka Takala, Dr.

Director of the European Agency for Safety and Health at Work, Spain

Paul Weber

International Association of Labour Inspection (IALI), Luxembourg

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Scientific advisor, ELINYAE, Professor of Occupational and Industrial Hygiene at the National School of Public Health (NSPH)

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Ministry of Employment and Social Protection, National Focal Point of the European Agency for Safety and Health at Work

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Member of the Board, ELINYAE, Scientific Assistant, School of Mechanical Engineering, National Technical University of Athens (N.T.U.A.), Member of the board of Directors of the European Agency for Safety and Health at Work

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Professor and Chairman of the School of Chemical Engineering, National Technical University of Athens (N.T.U.A.)

Nicolaos Marmaras

Assistant Professor, School of Mechanical Engineering, National Technical University of Athens (N.T.U.A.)

Ioannis Mylopoulos

Professor, Department of Civil Engineering, Sector of Hydraulics and Environmental Engineering, Aristotle University of Thessaloniki

Giorgos Papadakis

Adjunct Professor, Department of Production Engineering and Management, Technical University of Crete

Vassilios Papazoglou

Professor, Department of Naval Architecture and Marine Engineering, National Technical University of Athens (N.T.U.A.)

Savvas Ropolis

Professor and Chairman of the Department of Social Policy, Panteion University of Social and Political Sciences

Antonis Targoutzidis, Dr.

Director of the Department of Thessaloniki, ELINYAE

Organizing Committee

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Chairman of the Board, ELINYAE

Members:

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Member of the Board, ELINYAE

Dr. Minas Analytis

General Director, ELINYAE

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Member of the Board, ELINYAE

Evi Georgiadou

Occupational Safety Department, ELINYAE

Irma Rizakou

Marketing & Communication, ELINYAE

SOCIAL INSURANCE INSTITUTE – Unified Insurance Fund for Employees (IKA – ETAM)

INSURANCE

IKA is the largest Social Security Organization in Greece. It covers 5,885,000 workers and employees and provides 1,060,000 pensioners with retirement pension. IKA covers those in dependent employment in Greece or abroad for an employer who is based in Greece, as well as those who offer full-time or part-time personal labor on commissioned work agreements and are not insured with any other Main Insurance agency. IKA also covers certain groups of people who offer their labor to various employers at various times and whose insurance is realized through their Unions or Insurance Associations, (e.g. porters, news-stand vendors, slaughterhouse workers, house working people who offer their labor to more than one employers, etc) or through special provisions (e.g. exclusive nurses).



Organisers

WORKINGONSAFETY.NET



Workingonsafety.net aims to establish a permanent network of experts in accident prevention, an informal forum for the exchange of experience, new findings and best practices in the prevention of accidents at work globally. The Network attracts, researchers, policy makers, safety professionals, labour inspectors, labour administrators and other experts in the prevention of occupational accidents and trauma and join them together in a permanent International Expert Network. The Network is an extension of what has been a predominantly Nordic Expert Network (NOFS) since 1980 and brings together the experiences and perspectives of experts from government agencies and other regulators, NGOs, universities, education, research and insurance organizations as well as industrial corporations. The Network is organised by a permanent international committee responsible for the long-term policy and sustainability of the Network. Every 2 years a conference provides three days of face-to-face encounters; Network members have the opportunity to discuss their experiences, compare successes and failures, and initiate collaboration to better control risks at work.

HELLENIC INSTITUTE FOR OCCUPATIONAL HEALTH AND SAFETY (ELINYAE)



The Hellenic Institute for Occupational Health & Safety (ELINYAE) was established in 1992. It is a civic non-profit organisation, administered by representatives from the employer federations (industry, manufacture, commerce) and representatives from the trade unions. The Institute consists of 4 centers. The Center for Occupational Safety, the Center for Occupational Health and Hygiene, the Center for Documentation and Information and the Center for Vocational Training. The Center for Occupational Safety and Occupational Health and Hygiene elaborate applied research studies. More specifically, the Center for Occupational Safety deals with safety issues and ergonomic aspects, in order to improve work conditions and prevent accidents at work, while the Center for Occupational Health and Hygiene determines physical and chemical agents in the workplace, conducts biological monitoring tests, and investigates work conditions. The Center for Documentation and Information provides technical information through traditional and electronic means, while the Center for Vocational Training organizes lectures and seminars. Recently, the ELINYAE has organised two international conferences. The first one titled "Tools for the application of European directives on health at the workplace. The example of chemical risk" was organised with the support of the International Social Security Association (ISSA). The other one titled "Risks for health care workers: prevention challenges" was conducted in conjunction with the French Institute for Research and Safety (INRS), the German Institution for Statutory Accident Insurance and Prevention for the health sector (BGW), the Swiss Accident Insurance Fund (SUVA) and the International Social Security Association (ISSA). The Institute employs more than 50 scientific and administrative staff and collaborates with other research institutes and universities.



Lafarge Health & Safety Policy

Lafarge is committed to providing a safe and healthy work environment for its stakeholders and to conducting its various businesses in a safe manner. Health & Safety are core values that must be incorporated into all aspects of our business.

We integrate health and safety objectives into our management systems at all levels of the Group. Management is accountable for the prevention of injuries and occupational illnesses.

Everyone working for Lafarge expects a safe and healthy work environment, and in turn, we expect everyone to contribute to that safe environment through responsible behavior.

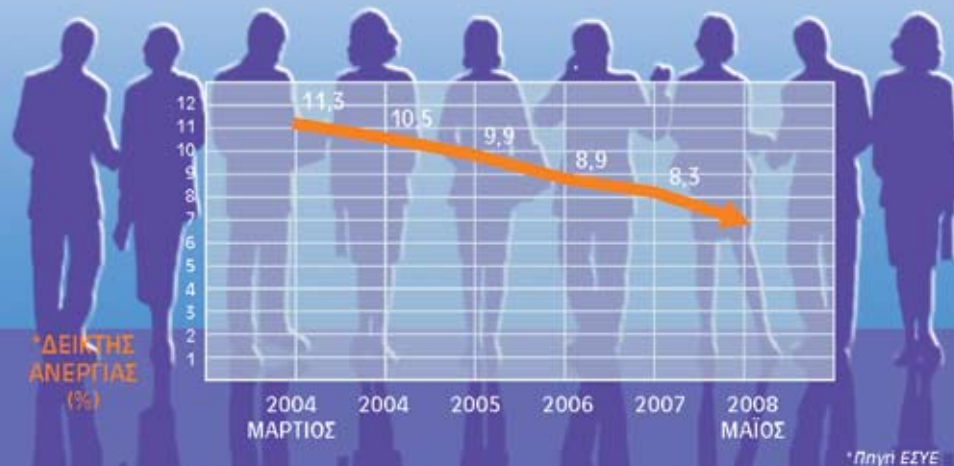
Everyone is also expected to demonstrate that Health & Safety are core values through visible commitment and active engagement of each other.

When it comes to safety, the only acceptable number is zero - zero accidents, incidents or occupational illnesses. Reaching this goal is critical for us to reach excellence.





ΟΡΓΑΝΙΣΜΟΣ ΑΠΑΣΧΟΛΗΣΗΣ
ΕΡΓΑΤΙΚΟΥ ΔΥΝΑΜΙΚΟΥ



Μείωση της ανεργίας, αύξηση της απασχόλησης

- 1,2 Δισεκατ. Ευρώ** Απορρόφηση κοινοτικών πόρων
- 260.000** Θέσεις Απασχόλησης και Αυτοαπασχόλησης
- 70** Διαφορετικά στοχευμένα προγράμματα απασχόλησης
- 30** Ολοκληρωμένες παρεμβάσεις σε επίπεδο νομού
- 25** Ολοκληρωμένες παρεμβάσεις σε επιχειρήσεις
- 121** Σύγχρονα Κέντρα Προώθησης Απασχόλησης
- 600.000** Εξατομικευμένες Παρεμβάσεις
- 100.000** Εργαζόμενοι καταρτίζονται, κάθε χρόνο
- 15.000** Μαθητές σπουδάζουν, κάθε χρόνο, στις
- 53** Επαγγελματικές Σχολές Μαθητείας
- 49** Ινστιτούτα Επαγγελματικής Κατάρτισης
- 350.000** Οικογενειακά επιδόματα, το χρόνο
- 40%** Αύξηση του οικογενειακού επιδόματος
- 160.000** Ειδικά εποχικά βοηθήματα, το χρόνο
- 32%** Αύξηση του επιδόματος ανεργίας
- 6 μήνες** Ειδική Παροχή Προστασίας Μητρότητας, σε περίπου 40.000 δικαιούχους, ετησίως

Κοντά στον κάθε πολίτη!

HERACLES G.C.Co Group of Companies is Greece's largest cement producer and the largest cement exporter in Europe, while it represents the largest foreign industrial investment of high capital intensity in Greece. Operating three cement plants, in Volos (the plant with the largest cement production in Europe), Halkis and Milaki in Evia, six cement terminals, as well as production and trading units of aggregates and concrete, the Heraclides Group has production activity in 29 prefectures in Greece and trading activity throughout continental and island Greece.

Heracles is a member of Lafarge, the world leader in building materials, with top-ranking positions in all of its businesses: Cement, Aggregates & Concrete and Gypsum. With 90,000 employees in 76 countries, Lafarge posted sales of Euros 17.6 billion. Lafarge is the only company in the construction materials sector to be listed in the 2008 "100 Global Most Sustainable Corporations in the World". Lafarge has been committed to sustainable development for many years, pursuing a strategy that combines industrial know-how with performance, value creation, respect for employees and local cultures, environmental protection and the conservation of natural resources and energy.

To make advances in building materials, Lafarge places the customer at the heart of its concerns. It offers the construction industry and the general public innovative solutions bringing greater safety, comfort and quality to their everyday surroundings.



HERACLES
GENERAL CEMENT CO.

A member of





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| | Program at a Glance | | | |
| | Wednesday, 1 October 2008 | | | |
| 08.45 – 10.45 | KEYNOTE LECTURES | | | |
| Meeting room “ZEUS” | New Work Environment | | | |
| 10.45 - 11.00 | Coffee Break | | | |
| 11.00 – 13.00 | PARALLEL SESSIONS (Wednesday, 1 October 2008) | | | |
| Hall: MINOS A | Hall: MINOS B | Hall: DANAE | Hall: ATHENA | |
| SESSION 1: New work environment | SESSION 2: Risk assessment | SESSION 3: Accident analysis | SESSION 4: Major Accidents | |
| 13.00 – 14.30 | Lunch Break | | | |
| 14.30 – 16.30 | PARALLEL SESSIONS (Wednesday, 1 October 2008) | | | |
| Hall: MINOS A | Hall: MINOS B | Hall: DANAE | Hall: ATHENA | |
| SESSION 5: New work environment | SESSION 6: OSH management | SESSION 7: Inspection / Regulation | SESSION 8: Improving Occupational Safety: Products and lessons learned- Part I | |
| 16.30 – 17.00 | Coffee Break | | | |
| 17.00 – 19.00 | PARALLEL SESSIONS (Wednesday, 1 October 2008) | | | |
| Hall: ZEUS | Hall: MINOS A | Hall: MINOS B | Hall: DANAE | Hall: ATHENA |
| SESSION 9: New work environment | SESSION 10: OSH management | SESSION 11: Evidence Based Prevention | SESSION 12: Prevention in SMEs | SESSION 13 Improving Occupational Safety: Products and lessons learned- Part II |
| 20.30 | Theme night: Cretan night – Cochlias restaurant | | | |



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| | Thursday, 2 October 2008 | | |
| 09.00 – 10.30 | KEYNOTE LECTURES | | |
| Meeting room "ZEUS" | Safety Culture | | |
| 10.30 - 11.00 | Coffee Break | | |
| 11.00 – 13.00 | PARALLEL SESSIONS <i>(Thursday, 2 October 2008)</i> | | |
| Hall: MINOS A | Hall: DANAE | Hall: MINOS B | Hall: ATHENA |
| SESSION 14: <i>Safety Culture</i> | SESSION 15: <i>Occupational Safety in specific industries: Construction - Mines – Quarries</i> | SESSION 16: <i>Accident analysis</i> | SESSION 17: <i>Major Accidents</i> |
| 13.00 – 14.30 | Lunch Break | | |
| 14.30 – 16.30 | PARALLEL SESSIONS <i>(Thursday, 2 October 2008)</i> | | |
| Hall: MINOS A | Hall: DANAE | Hall: MINOS B | Hall: ATHENA |
| SESSION 18: <i>Safety Culture</i> | SESSION 19: <i>Occupational Safety in specific industries</i> | SESSION 20: <i>Inspection / Regulation</i> | SESSION 21: <i>"Finding, paying, intervening or blaming - the many faces of safety management"</i> <i>Session sponsored by the Dutch Safety Science Society</i> |
| 16.30 – 17.00 | Coffee Break | | |
| 17.00 – 19.00 | PARALLEL SESSIONS <i>(Thursday, 2 October 2008)</i> | | |
| Hall: MINOS A | Hall: MINOS B | Hall: DANAE | Hall: ATHENA |
| SESSION 22: <i>Behavior modification- Safety awareness</i> | SESSION 23: <i>Occupational Safety in specific industries: Various sectors</i> | SESSION 24: <i>Training / Information: Contribution to prevention</i> | SESSION 25: <i>Chemical hazards: Acute effects on health</i> |
| 20.30 | Gala Dinner – Swimming Pool of TERRA MARIS hotel | | |



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| | Friday, 3 October 2008 | | | |
| 09.00 – 10.30 | KEYNOTE LECTURES | | | |
| Meeting room "ZEUS" | Risk Assessment and Management | | | |
| 10.30 - 11.00 | Coffee Break | | | |
| 11.00 – 13.00 | PARALLEL SESSIONS <i>(Friday, 3 October 2008)</i> | | | |
| Hall: MINOS A | Hall: MINOS B | Hall: DANAE | Hall: ATHENA | Hall: ZEUS |
| SESSION 26: <i>Risk Assessment</i> | SESSION 27: <i>Ergonomics</i> | SESSION 28: <i>Accident Analysis</i> | SESSION 29 <i>Risk Perception</i> | SESSION 30: <i>Transport Safety</i> |
| 13.15 | Closing Ceremony | | | |



| | Program |
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| | Tuesday, 30 September 2008 |
| 14.00-17.00 | Registration ZEUS Lobby |
| <p>18.00 Meeting room "ZEUS"</p> | <p style="text-align: center;">Opening Ceremony</p> <p style="text-align: center;">Addresses by:</p> <ul style="list-style-type: none"> ❖ The President of the Hellenic Institute for Occupational Health and Safety (ELINYAE) – Mr. Ioannis Drapaniotis <ul style="list-style-type: none"> ❖ The General Secretary of the Ministry of Employment and Social Protection, Mr. Dimitrios Kontos <ul style="list-style-type: none"> ❖ The Prefect of Heraklion – Mrs. Vagelio Sxoinaraki – Iliaki <ul style="list-style-type: none"> ❖ The Mayor of Xersonisos – Mr. Spyros Danellis <ul style="list-style-type: none"> ❖ The Governor of the Social Insurance Institute – Prof. Georgios Mergos <ul style="list-style-type: none"> ❖ The President of the General Confederation of Greek Labour – Mr. Ioannis Panagopoulos ❖ The Vice-President of the General Confederation of Handicraft and Merchants of Medium and Small Enterprises – Mr. Efstratios Dagonakis <ul style="list-style-type: none"> ❖ The President of the Federation of Greek Industries – Mr. Dimitrios Daskalopoulos ❖ The President of the Greek Federation of Traders' Association – Mr. Dimitrios Armenakis ❖ The President of the Trade Union Associations of Heraklion – Mr. Georgios Skoulatakis ❖ Representative of the European Network of Safety and Health Professional Organisations –Prof. Andrew Hale <ul style="list-style-type: none"> ❖ Representative of the WorkingOnSafety network – Dr. Kirsten Jorgensen <p style="text-align: center;">Main Opening Speech by:</p> <p style="text-align: center;">The Director of the European Agency for Safety and Health at Work – Dr. Jukka Takala</p> |

Welcome Dinner – ZEUS Terrace



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| | Wednesday, 1 October 2008 |
| | KEYNOTE LECTURES |
| | <p>New Work Environment Chair: V. Makropoulos</p> <p>"New trends in work environment – New effects on safety" Ms. Theoni KOUKOULAKI Head of Occupational Safety Dept., Hellenic Institute for Occupational Health and Safety (ELINYAE), Greece</p> <p>*****</p> <p>"Nanotechnology, Engineered Nanoparticles and Occupational Safety" Prof. Kai SAVOLAINEN Nanotechnology, Work Environment Development, New Technologies and Risks Team, Finnish Institute of Occupational Health (FIOH), Finland</p> <p>*****</p> <p>"Meeting Risk Perception Challenges for Rational Risk Evaluations" Dr. Peter WIEDEMANN Director of the Program Group Humans, Environment and Technology at the Research Centre Juelich, Germany</p> <p>*****</p> <p>"Quantified assessment of existing, new and emerging occupational risk: supporting rational occupational risk management" Dr. Ioannis A. PAPAZOGLU Research Director, Head System Reliability and Industrial Safety Laboratory, National Center for Scientific Research "DEMOKRITOS", Greece</p> |
| 08.45-10.45 Meeting room "ZEUS" | |
| 10.45-11.00 | Coffee Break |



| 11.00-13.00 | PARALLEL SESSIONS (Wednesday, 1 October 2008) | | | |
|--|---|--|---|---|
| SESSION 1 New work environment Chair: K. Savolainen | | SESSION 2 Risk assessment Chair: T. Taylor | SESSION 3 Accident analysis Chair: A. Karageorgiou | SESSION 4 Major Accidents Chair: N. Markatos |
| Hall: MINOS A' | | Hall: MINOS B' | Hall: DANAE | Hall: ATHENA |
| <p>OP 001/223 A need for new theories, models and approaches to occupational accident prevention? J. HOVDEN, E. ALBRECHTSEN, I. A. HERRERA <i>Norway</i></p> <p>OP 002/118 NEW OSH ERA. Coordination of OSH risk research in Europe. A. HAUKE, D. REINERT, J. HERRMANN <i>Germany</i></p> <p>OP 003/217 Occupational and public safety: an integrated framework for risk assessment and prevention of accidents in a changing work environment. M. PAPADOPOULOS, E. GEORGIADOU, CH. PAPAZOGLU, K. MICHALIOU <i>Greece</i></p> <p>OP 004/98 Strategic approaches in OSH. S. TIMM <i>Germany</i></p> <p>OP 005/55 Safety first!? Organizational efficiency trends and their influence on safety. K. AASE, S. WIIG, S. HOYLAND <i>Norway</i></p> <p>OP 006/17 Risk assessment and international cooperation. H. GRUBER <i>Germany</i></p> | | <p>OP 008/18 The bow-tie approach in a semi-quantitative assessment of occupational risks. C. JACINTO, C. SILVA <i>Portugal</i></p> <p>OP 009/112 Methodological framework for conducting a risk assessment study. G. SKROUMPELOS, V. MOUSTAKIS <i>Greece</i></p> <p>OP 010/14 Risk Analysis. A. BARAFKAS <i>Greece</i></p> <p>OP 011/157 A new methodology for the quantified assessment of occupational risk and human vulnerability. Case study: Individual risk in sites with dangerous substances. A. A. CHALKIDOU, G. A. PAPADAKIS <i>Greece</i></p> <p>OP 012/134 Evaluation and the management of dangers in work area. -P. KARAKOSTA <i>Greece</i></p> <p>OP 165/232 Work-related musculoskeletal disorders prevention using FAST ERGO_X. I. L. NUNES <i>Portugal</i></p> <p>OP 161/235 Application of a Participatory Risk Assessment Model - Safety Hazards Identification in the Metal Industry in Greece. T. KOUKOULAKI, D. PINOTSI, A. KOSTOPOULOU, E. KARACHALIOS, E. GEORGIADOU, V. MAKROPOULOS, V. DRAKOPOULOS <i>Greece</i></p> | <p>OP 013/132 Text-mining of insurance-based information: decision support for local safety management. T. J. LARSSON, M. JANSSON, B. BROOKS <i>Sweden</i></p> <p>OP 014/10 General Model of Accidents Caused by Malfunctions of Machinery Control Systems. M. DZWIAREK <i>Poland</i></p> <p>OP 015/111 Comparison of selected accident investigation methods. P. KATSAKIORI, E. SGOUROU, E. MANATAKIS, S. GOUTSOS, G. ATHANASSIOU <i>Greece</i></p> <p>OP 016/36 Human factor and port safety after the container revolution: relationship between workplace, organizational factors and occupational injuries. B. FABIANO, F. CURRO, R. PASTORINO <i>Italy</i></p> <p>OP 017/74 Accidents induced by movement disturbance: new model prompts, new prevention. M. MONTEAU, S. LECLERCQ, X. CUNY <i>France</i></p> <p>OP 018/213 Jobs with high incidence of ocular injuries in industry. D. TANAGRA, E. KONSTANTINOU, M. LEOTINIDIS, E. JELASTOPULU, E. C. ALEXOPOULOS, Z. TSARAKLIS <i>Greece</i></p> <p>OP 019/68 Accident prevention at shared workplaces. J. LAPPALAINEN, P. PIISPANEN, E. RANTANEN, T. MAKELA, S. SAUNI <i>Finland</i></p> <p>OP 020/137 Using Coroner's Narrative Data to Identify Work-Related Road-Traffic Fatalities in Ireland. A. DRUMMOND, D. A. CUSACK <i>Ireland</i></p> | <p>OP 027/243 Assessment of acute effects for fire-fighters during a fuel-tank fire. C. D. ARGYROPOULOS, M. N. CHRISTOLIS, N. C. MARKATOS, Z. NIVOLIANITOU <i>Greece</i></p> <p>OP 021/226 Risk Management in Greece, in the framework of Seveso II Directive. G. MANOURIS, G. MOUZAKIS <i>Greece</i></p> <p>OP 023/26 An integrated methodology for the analysis of management shortcomings and other underlying causes of major accidents in chemical industry. K. G. KOKKINOS, G. A. PAPADAKIS <i>Greece</i></p> <p>OP 024/83 Safety assessment in drinking water chlorination stations. J. ADL, Z. NEZAMODDINI <i>Iran</i></p> <p>OP 025/8 Using network methodology to define emergency response team location: the Brazilian refinery case study. E. CALIXTO, E. L. LAROUVERE <i>Brazil</i></p> <p>OP 026/88 Risk and identity: a theoretical and empirical reflection. K. M. VIKLAND <i>Norway</i></p> |
| 13.00-14.30 | Lunch Break | | | |



| 14.30-16.30 | PARALLEL SESSIONS (Wednesday, 1 October 2008) | | | |
|---|--|---|---|--|
| SESSION 5 <i>New work environment</i> Chair: T. Koukoulaki | SESSION 6 <i>OSH management</i> Chair: T.J. Larsson | SESSION 7 <i>Inspection / Regulation</i> Chair: T. Ginalas | SESSION 8 <i>Improving Occupational Safety: Products and lessons learned- Part I</i> Chair: J.I.H. Oh | |
| Hall: MINOS A' | Hall: MINOS B' | Hall: DANAE | Hall: ATHENA | |
| <p>OP 028/236 The impact of national legislation of safety and health at work regarding workers with a fixed-duration employment relationship or a temporary employment relationship - A national study. A. PAPADAKIS, D. PINOTSI, T. KOUKOULAKI, E. GEORGIADOU, V. MAKROPOULOS <i>Greece</i></p> <p>OP 029/139 The challenge for a multilateral risk assessment in the light of new trends in the working environment. A. TARGOUTZIDIS <i>Greece</i></p> <p>OP 030/103 Safestart: Basic Safety Training for Jobseekers and Temporary Workers. H. DE LANGE, K. DE RO <i>Belgium</i></p> <p>OP 031/122 Improving Work Safety for low-skilled and high-risk work. A.STARREN, A. DIJKMAN, D. van der BEEK, R. GALLIS <i>The Netherlands</i></p> <p>OP 032/229 Health and safety in PPC SA 's contractors. M. TOLAKI, M. PEPHANIS <i>Greece</i></p> <p>OP 033/141 Prevention of harm to cleaning workers. T. TAYLOR, T. TREGENZA <i>Spain</i></p> <p>OP 034/176 Improving chain management of contractor safety. S.L.J. ZWANIKKEN, L. DRUPSTEEN, D.F.A. van der BEEK, J.N.van KAMPEN, M.J.M. JONGEN <i>The Netherlands</i></p> | <p>OP 035/208 Managing quality, safety, occupational health and environmental matters in an integrated system. J. McCOURT, P. KOCKEROLS, M. BICKEL <i>Belgium</i></p> <p>OP 036/61 Holistic approaches to safety performance evaluation. E. SGOUROU, P. KATSAKIORI, S. GOUTSOS, E. MANATAKIS <i>Greece</i></p> <p>OP 038/239 Contractors works safety management in refineries and petroleum industries. E. DEMENEGAS <i>Greece</i></p> <p>OP 039/44 Aiming for zero. Development towards World class safety levels, combining safety culture with management systems within the working environment. M.A. ANDREW, L. LE GUEN <i>Germany</i></p> <p>OP 040/116 Getting to zero harm by effective workforce involvement. N. BRYSON <i>U.K.</i></p> | <p>OP 042/185 Risk Regulation in the North Sea: A common law perspective on Norwegian legislation G.S. BRAUT, P.H. LINDOE <i>Norway</i></p> <p>OP 043/110 An accident investigation method for Labour Inspectors in Greece. P. KATSAKIORI, E. SGOUROU, E. MANATAKIS, S. GOUTSOS, G. ATHANASSIOU <i>Greece</i></p> <p>OP 044/224 A co-operation process between Brazil and Cape Verde in OHS education J.M. JACKSON, E.P. DINIZ, L.S. AMARAL, M.R. SAMPAIO, J.P. ALVESFILHO <i>Brazil</i></p> <p>OP 045/206 More responsibility concerning occupational health and safety for employers - experiences with implementing a new regulation for the prevention of accidents in German companies. N. SCHMIDT, M. KAUFMANN, K. JUNG <i>Germany</i></p> <p>OP 046/25 The German guideline on risk assessment. P. SMIGIELSKI <i>Germany</i></p> <p>OP 047/240 Safer construction through the regulation of subcontracting: the case of Spain. M.C. RUBIO, C. AREVALO, J.C. RUBIO <i>Spain</i></p> | <p>OP 048/95 The Occupational Risk Model and the ORM tool. I.A. PAPAZOGLU, , O.N. ANEZIRIS, M. KONSTANTINIDOU, R. WHITEHOUSE, L.J. BELLAMY, H. BAKSTEEN, M. DAMEN, M. MUD, J. KUIPER, A. BLOEMHOF, J.G. POST, J.I.H. OH <i>Greece</i></p> <p>OP 049/16 Human factors and organizational subsystems in occupational accidents. L.J. BELLAMY, M. MUD, M. DAMEN, H. BAKSTEEN, O.N. ANEZERIS, I.A. PAPAZOGLU, A.R. HALE, J.I.H. OH <i>The Netherlands</i></p> <p>OP 050/79 Risk reducing measures in the Occupational Risk Model (ORM). M. DAMEN, V. VAN EIJK <i>The Netherlands</i></p> <p>OP 051/173 Exposure of workers to occupational hazards and risk related working conditions. J.I. KUIPER, A. BLOEMHOFF, K. LEIDELMEIJER, M. DAMEN <i>The Netherlands</i></p> | |
| 16.30-17.00 | Coffee Break | | | |



| 17.00-19.00 | PARALLEL SESSIONS (Wednesday, 1 October 2008) | | | |
|---|--|--|--|---|
| SESSION 9 <i>New work environment</i> Chair: J. Hovden | SESSION 10 <i>OSH management</i> Chair: T. Dedes | SESSION 11 <i>Evidence Based Prevention</i> Chair: N. Stout | SESSION 12 <i>Prevention in SMEs</i> Chair: N. Bryson | SESSION 13 <i>Improving Occupational Safety: Products and lessons learned- Part II</i> Chair: J.I.H.Oh |
| Hall: ZEUS | Hall: MINOS A | Hall: MINOS B | Hall: DANAE | Hall: ATHENA |
| OP 052/163 A Fuzzy Inference System for the Estimation of Hazards in Modern Manufacturing Systems. <i>P. TZIONAS, K. KOSTARAS Greece</i> | OP 058/207 Occupational Health and Safety management system in plastics industry. <i>I. ASPIRTAKIS Greece</i> | OP064/221 Evidence-based Prevention through Prevention-based Research. <i>N. STOUT, H. LINN USA</i> | OP 071/70 Accidents as opportunities for improved prevention strategies in SME's. <i>W. GEIJSEN, M. HESELMANS, J. van PETEGHEM Belgium</i> | OP 076/115 Evaluating safety management and culture interventions to improve safety: effective intervention strategies and lessons learned. <i>A.R. HALE, F. W. GULDENMUND. P.L. C.H. van LOENHOUT, J.I.H. OH The Netherlands</i> |
| OP 053/193 Effectiveness of safety experts in German enterprises: A long term survey. <i>V. DIDIER Germany</i> | OP 059/58 Inclusion or exclusion: Two different approaches to safety management when working with contractors. <i>R.J. BYE, J. FENSTAD Norway</i> | OP 065/43 Examples of evidence based approaches in accident prevention. <i>A. NOLD, F. BOCHMANN Germany</i> | OP 072/45 EEC Machine directive: Effect on safety at work in small and medium sized enterprises. <i>G. MANCINI, G. CASTELLET Y. BALLARU, L. FILOSA Italy</i> | OP 078/119 The evaluation and future of the programme "Improving Occupational Safety" in the Netherlands. <i>V. SOL, J.I.H. OH, The Netherlands</i> |
| OP 055/91 Ageing and occupational safety. <i>A. VENEMA, E.M.M. de VROOME The Netherlands</i> | OP 060/106 Managing safety from a tower of "Babel". <i>S.N. KAMENOPOULOS Greece</i> | OP 066/66 Measuring enterprise pro-activeness in managing occupational safety. <i>H.H.K. SONDERSTRUP – ANDERSEN, T. FLOCKE, K.L.MIKKELSEN, C. ROEPSTORFF Denmark</i> | OP 073/155 An Integrated OSH web Platform with innovative tools for SMEs training. <i>G. A. PAPADAKIS, P.P. MACHAIRA, A. A. CHALKIDOU Greece</i> | OP 079/109 Facts and figures learned from the analysis of 10000 incidents. <i>M.L. MUD, J.I.H. OH, L. BELLAMY, A.R. HALE, M. DAMEN, O.N. ANEZIRI I.A. PAPAZOGLU, H. BAKSTEEN The Netherlands</i> |
| OP 056/194 Effects of the increasing use of mobile information and communication technology at work on OSH. <i>M. HUPKE, M. KOHN, R. STAMM, H. PARIDON Germany</i> | OP 061/56 Biological and ambient monitoring of phthalates in a PVC processing industry. <i>H.M. KOCH, L. NEUMEISTER, R. CLASSEN, T. WEISS, H.U. KAEFFERLEIN, T. BRUENING Germany</i> | OP 067/12 Quality of prevention - indicators, effects and effectivity. <i>T. KOHSTALL Germany</i> | OP 074/85 Have small and medium- (and Micro-) sized enterprises to be bundled together in the OHS issues? <i>G.J.L. MICHELI, E. CAGNO, Italy</i> | OP 080/174 Accident prevention in SME using ORM. <i>K. JORGENSEN, N. DUIJM, H. TROEN Denmark</i> |
| OP 057/123 On new invariants for Occupational Safety and Health for mobile IT- supported work. <i>M. KOHN Germany</i> | OP 062/161 Safety aspects of management of change in the process industry. <i>I. CHRONIS Greece</i> | OP 069/92 Networking of competencies: reciprocal action between the BG prevention services. <i>H. ZIESCHANG Germany</i> | OP 075/86 Identification of OHS - related factors and interactions among those and OHS performance. <i>E. CAGNO, G.J.L. MICHELI Italy</i> | |
| | OP 063/52 Safety matters have become too important for management to leave it up to the joint safety and health committee. <i>J. DYREBORG, B. CLEAL Denmark</i> | OP 070/227 Guidelines for the safer confrontation of seismic risks in industrial environments. <i>P.GR. CARYDIS, T. SALI, K. PETSA Greece</i> | | |

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| 20.30 | Theme night: Cretan night – Cochlias restaurant |
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| | Thursday, 2 October 2008 |
| | KEYNOTE LECTURES |
| 09.00-10.30 Meeting room "ZEUS" | <p>Safety Culture Chair: A.R Hale</p> <p>"Human behavior: the first safety theory" Dr. Paul Swuste Associate Professor, Safety Science group, Delft University of Technology, the Netherlands</p> <p>*****</p> <p>"Best Behavior: Cognitive and Social Skills for Safety" Prof. Rhona FLIN Industrial Psychology Research Center, School of Psychology, King's College, University of Aberdeen, U.K.</p> <p>*****</p> <p>"Design for Patient Safety" Prof. P. John CLARKSON Professor of Engineering Design, Director, Cambridge Engineering Design Centre, U.K.</p> |
| 10.30-11.00 | Coffee Break |



| 14.30-16.30 | | PARALLEL SESSIONS (Thursday, 2 October 2008) | | | | | |
|---|--|--|--|---|--|--|--|
| SESSION 18 Safety Culture Chair: A. Targoutzidis | | SESSION 19 Occupational Safety in specific industries: Petrochemicals Chair: E. Georgiadou | | SESSION 20 Inspection / Regulation Chair: E. Tsoulfta - Kakouta | | SESSION 21 "Finding, paying, intervening or blaming - the many faces of safety management" SessionsponsoredbytheDutchSafetyScienceSociety Chair: P. Swuste | |
| Hall: MINOS A | | Hall: DANAE | | Hall: MINOS B | | Hall: ATHENA | |
| <p>OP 108/104 Exploring risk-awareness as a cultural approach to safety: Exposing the gap between work as imagined and work as actually performed. <i>D. BORYS Australia</i></p> <p>OP 110/168 Safety Culture and a Safe Work Environment in the construction industry: A leader-based intervention. <i>L.P. ANDERSEN, P. KINES, S. SPANGENBERG Denmark</i></p> <p>OP 111/172 Stability and changeability of safety climate in a Norwegian hospital. <i>E. OLSEN, K. AASE Norway</i></p> <p>OP 112/189 Safety culture aboard fishing vessels. <i>J.I. HAVOLD Norway</i></p> <p>OP 113/2 Safety cultural assessment among management, supervisory and workers. <i>E. HABIBI, S. POURABDIAN, M. FREIDAN Iran</i></p> | | <p>OP 114/67 Can the Quest for Good Corporate Governance Motivate Improved HSE Management? <i>R. ROSNESS, H. BLAKSTAD, T. DAHL, I. AARSTAD Norway</i></p> <p>OP 115/177 Human performance technology and working reliability. <i>O.Y. BUROV, V.V. KAMYSHIN, O.O. BUROVA Ukraine</i></p> <p>OP 116/244 Hellenic Petroleum Safety Performance and Safety Culture. <i>P. PAGONI, V. MOUKRIOTI, A. KERAMOPOULOS Greece</i></p> <p>OP 117/78 HSE identity. The case of Norwegian Petroleum <i>J.E. KARLSEN, H.KARLSEN Norway</i></p> <p>OP 118/200 The Desfa Safety Rules. <i>P. LAIOS Greece</i></p> <p>OP 119/57 Risk influencing factors and double-edged effects of on safety barriers. <i>R.J. BYE, J. FENSTAD Norway</i></p> <p>OP 120/178 The development of the Safety and Health mentality in the technical personnel of DEI Lignite Center of West Macedonia (L.C.W.M.) open mines. <i>I. KARAMPAKAKIS Greece</i></p> <p>OP 121/242 The influence on organisational accident risk by integrated operations in the petroleum industry. <i>T.O. GROGAN, E. ALBRECHTSEN, R.ROSNESS, E. BJERKEBAEK Norway</i></p> | | <p>OP 122/93 Optimal Enforcement of Safety Regulation Aiming at the Prevention of Work-related Accidents. <i>M.G FAURE, L. TILINDYTE The Netherlands</i></p> <p>OP 123/97 Information and communication strategies in prevention. <i>S. TIMM Germany</i></p> <p>OP 124/48 Epidemiology of injuries coming to a tertiary care hospital in Karachi, Pakistan. <i>S.M. NASRULLAH, U.R. KHAN, A. AHMED, M. JAMIL, J.A. RAZZAK Pakistan</i></p> <p>OP 125/113 Product testing and certification: a successful contribution to prevention activity in Germany. <i>R. REITZ Germany</i></p> <p>OP 126/80 Social dialogue on Crystalline Silica: the first european multisector agreement for workers health. <i>K. GULDNER Germany</i></p> <p>OP 022/186 Acknowledgment of Compliance (AoC) – A mix of regulatory principles in the petroleum industry. <i>P.H. LINDOE, A. MOEN Norway</i></p> | | <p>OP 128 Safety on the brink. National debate about the lack of balance between public policy and private needs for safety. <i>V. ROGGEVEEN The Netherlands</i></p> <p>OP 129/129 A tool for decision makers: calculation of cost-benefits of OSH. <i>J. GORT, L. MAURITE The Netherlands</i></p> <p>OP 130/28 Risk assessment in the construction industry, the case of crane safety. <i>P. SWUSTE The Netherlands</i></p> <p>OP 131/84 How to measure safety in construction industry? <i>A.C.P. FRIJTERS, P. SWUSTE, H.R. van YPEREN The Netherlands</i></p> <p>OP 132/205 The secret of successful safety interventions. <i>F.W. GULDENMUND, A.R. HALE The Netherlands</i></p> | |
| 16.30-17.00 | | Coffee Break | | | | | |



| 17.00-19.00 | PARALLEL SESSIONS (Thursday, 2 October 2008) | | | |
|--|---|---|---|---------------------|
| | SESSION 22 Behavior modification- Safety awareness Chair: R. Flin | SESSION 23 Occupational Safety in specific industries: Various sectors Chair: E .Anastasakis | SESSION 24 Training / Information: Contribution to prevention Chair: Ch. Chatzigiannoglou | |
| | Hall: MINOS A | Hall: MINOS B | Hall: DANA E | Hall: ATHENA |
| <p>OP 133/77 Effectiveness of safety programmes: development of method and instruments. <i>L. DRUPSTEEN, T. de JONG, L. CLIGNETT, A. HOLLANDER The Netherlands</i></p> <p>OP 134/33 Workforce risk awareness. <i>CH. MALAMI, S. ZACHARIS Greece</i></p> <p>OP 136/127 Competency (behaviour) Based Safety as part of a Safety Management System. <i>S. PHEIFFER South Africa</i></p> <p>OP 137/170 Antecedents of safety behaviour in the oil and gas industry. <i>S. DIDLA, K. MEARNS U.K.</i></p> <p>OP 138/145 Changing behaviors in work sites. <i>S. ZACHARIS, CH. MALAMI, G. VOMVORIDIS Greece</i></p> <p>OP 139/199 The Stairs of Well-being at Work -Health and Safety as the Basis of Well-being. <i>P. RAURAMO Finland</i></p> <p>OP 180/6 Study on workers' evacuation in an industrial company. <i>A.S. MIGUEL, J.GOIS, J. SILVA Portugal</i></p> | <p>OP 143/192 Accident prevention in TITAN SA. <i>E. ANASTASAKIS Greece</i></p> <p>OP 140/46 Practices and methodologies for an integrated management of health and safety issues in ports. <i>E. VAFAKI, G. PALANTZAS Greece</i></p> <p>OP 141/24 Interventions for Preventing Injuries in Agriculture: A Cochrane Review. <i>S.T. SALMINEN, R.H. RAUTIAINEN, L.M. DAY, E. SCHONSTEIN, J. SUUTARINEN Finland</i></p> <p>OP 142 Safe Handling of Dangerous Cargoes in Ports <i>C.K. KONTOGIORGI Greece</i></p> <p>OP 145/54 Biological monitoring of 24 aromatic amino and nitro compounds in coke oven workers. <i>T. WEISS, H.M. KOCH, H.U. KAEFFERLEIN, J. HENRY, V. HARTH, K. SUESSELBECK, T. BRUENING Germany</i></p> | <p>OP 146/114 Certification of safety professionals at the European level. <i>A.R. HALE, H. HARVEY, M. MENNOZI S. MIGUEL, G. BIANCHI The Netherlands</i></p> <p>OP 147/89 European standard for the quality of trainers in occupational safety and health. <i>U. BOLLMANN Germany</i></p> <p>OP 148/82 What research brings to the health and safety professionals? <i>D. WALKER U.K</i></p> <p>OP 149/201 Prevention training at occupational schools. <i>R. KOERBLER Austria</i></p> <p>OP 151/65 Development of an evaluation instrument to predict effectiveness from training in Occupational Health and Safety. <i>K. MASUHR Germany</i></p> <p>OP 152/153 Research for the awareness level and training needs of engineers in East Crete, concerning Health and Safety issues. <i>A. MARAGAKIS, E. KARAVELAKIS, Y. ASPIRTAKIS Greece</i></p> | <p>OP 153/1 Safe work practices conforming to the REACH regulation in cases of exposure to carcinogenic substances. <i>H. BLOME, H. KLEINE, R. STAMM, S. GABRIEL Germany</i></p> <p>OP 154/71 Help! Reach is coming soon. <i>W.J. GEIJSEN Belgium</i></p> <p>OP 155/202 Hazardous chemicals, small firms and the impact of REACH. <i>D. WALTERS U.K</i></p> <p>OP 156/60 Methodical procedures for the development of exposure scenarios in the context of REACH with reference to screen printing. <i>S. GABRIEL, H.A. BUSCHER Germany</i></p> <p>OP 157/233 4 Step Program for respiratory protection. <i>G. ZORBALAS Greece</i></p> <p>OP 158/3 Individual differences and serum cortisol changes in shift workers. <i>S. POORABDIAN, E. HABIBI, P. GOLSHIRI Iran</i></p> <p>OP 159/136 Urine-based tumor marker tests among workers with high bladder cancer risk - interim data of the prospective study UroScreen. <i>D. TAEGER, B. PESCH, H. BONTRUP, G. JOHNNEN, T. BRUNING, G. FEIL, M. HORSTMANN, A. STENZL, F. WELLHAUBER, G. LENG, M. PELSTER, B. SCHEUERMANN, F. EBERLE, M. NASTERLACK, UNOSCREEN STUDY GROUP Germany</i></p> | |
| 20.30 | Gala Dinner – Swimming Pool of TERRA MARIS hotel | | | |



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| | Friday, 3 October 2008 |
| | KEYNOTE LECTURES |
| 09.00-10.30 Meeting room "ZEUS" | <p>Risk Assessment and Management Chair: A. Targoutzidis</p> <p>"Occupational risk in flexible forms of employment in Greece" Prof. Savvas ROMBOLIS Professor of Economics of Social Affairs, Dept. of Social Policy and Social Anthropology, Panteion University of Athens, Greece</p> <p>*****</p> <p>"Healthy Workplaces: Good for you. Good for business. A European Campaign on Risk Assessment" Mr. Terry N. TAYLOR Head of Working Environment Information Unit, European Agency for Safety and Health at Work, Bilbao, Spain</p> <p>*****</p> <p>"Measures taken by Cyprus to meet its obligations arising from the Framework Directive 89/391/EEC" Mr. Leandros NIKOLAIDES Ac. Permanent Secretary of the Ministry of Labor and Social Insurance, Cyprus</p> |
| 10.30-11.00 | Coffee Break |



| 11.00-13.00 | PARALLEL SESSIONS (Friday, 3 October 2008) | | | |
|--|--|--|---|--|
| SESSION 26 Risk Assessment Chair: I. Papazoglou | SESSION 27 Ergonomics Chair: C. Backhaus | SESSION 28 Accident Analysis Chair: S. Naris | SESSION 29 Risk Perception Chair: S. Zacharis | SESSION 30 Transport Safety Chair: I. Adamakis |
| <p>OP 162/64 Occupational Risk of tunneling construction. O.N. ANEZIRIS, I.A. PAPAZOGLU, D. KALLIANIOTIS <i>Greece</i></p> <p>OP 160/38 Functional Modeling for Risk Assessment of Automation in a Changing Air Traffic Management Environment. R. WOLTJER, E. HOLLNAGEL <i>Sweden</i></p> <p>OP 163/63 External services of protection and prevention problems and constraints in Cyprus. I. KAKOULLIS <i>Cyprus</i></p> <p>OP 164/29 FRAM as a risk assessment method for nuclear fuel transportation. K. LUNDBLAD, J. SPEZIALI, R. WOLTJER, J. LUNDBERG <i>Sweden</i></p> | <p>OP 168/105 Prevention of musculoskeletal-disorders by ergonomic workplace design. C. BACKHAUS, C. FELTEN, J.HEDTMANN <i>Germany</i></p> <p>OP 166/13 Risk assessment in health-care workers: an ergonomic approach. E.M.CAPODAGLIO, F.DRAICCHIO <i>Italy</i></p> <p>OP 167/23 Lumbar overload prevention for health-care workers during patient-transfer activities. A. THEILMEIER, C. JORDAN, A. LUTTMANN, M. JAGER, N. WORTMANN, S. KUHN <i>Germany</i></p> <p>OP 169/49 OSH intervention challenges: a case study. T. HEINIMAA <i>Finland</i></p> <p>OP 170/222 Ergonomic improvements for the reduction of operator fatigue at transformer assembly lines. I. BANOUTSOS, D. NATHANAIL <i>Greece</i></p> <p>OP 171/225 Organizational factors in accidental causation in a building project in Brazil. E. FONSECA DINIZ, F. de PAULA ANTUNES LIMA, J.M. JACKSON FILHO, F. DUARTE <i>Brazil</i></p> | <p>OP 172/154 Prevention of occupational farm accidents in Denmark from 1998 to 2006. O. CARSTENSEN <i>Denmark</i></p> <p>OP 173/188 The role of the Occupational Health Physician (OHP) in the investigation of the causes of the Work Accidents (WAs) - Experience from the Public Power Corporation (PPC) in North Greece. P. ZAFEIROPOULOS <i>Greece</i></p> <p>OP 174/203 Accident events among self-employed private forest owners. O. LINDROOS, L. BURSTROM <i>Sweden</i></p> <p>OP 175/228 Safe work plan for tank truss installation. A.R. NARIMANNEJAD <i>Iran</i></p> <p>OP 176/87 Occupational Health and Safety in EASA PART-145 Approved Maintenance Organizations. M. STAMATOPOULOU, K. PAPAKONSTANTINOY <i>Greece</i></p> | <p>OP 177/41 A multi-level model predicting safe behaviour and compliance. A. CHEYNE, A. OLIVER, J.M. TOMAS <i>U.K</i></p> <p>OP 178/73 Managers' attitudes of safety measures in the commercial transport sector. O. NJAA, S.H. FJELLTUN <i>Norway</i></p> <p>OP 179/42 Explaining safe behaviour across different work groups. J.M. TOMAS, A. OLIVER, A. CHEYNE <i>Spain</i></p> <p>OP 181/151 Pilot error: even skilled experts make mistakes. L. D. LOUKOPOULOU <i>Greece</i></p> | <p>OP 182/182 Professional drivers & road accidents. A. MALESKOU, G. PAPADIS, A. XYDEA-KIKEMENIS <i>Greece</i></p> <p>OP 183/34 GTI: Vehicles and more - striking new paths in traffic education. J. LAU <i>Germany</i></p> <p>OP 184/47 Explaining road accidents in road transport and logistic companies: the role of organizational factors. R. SOLA, N. GAMERO, I. SILLA, B. SORA <i>Spain</i></p> <p>OP 185/108 Risk Apportionment for railway safety. M. RAFRAFI, E.M. EL-KOURSI <i>France</i></p> <p>OP 186/245 Six reasons why hours of service regulations for truck drivers are violated. S. GRON <i>Denmark</i></p> |

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| 13.15 | Closing Ceremony |
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POSTERS

PP 001/238

Benchmarking Safety Through the Safety Perception Survey. A. KATSOU *Greece*

PP 002/ 27

What does the German public have to say on the subject of skin? Results of the telephone survey conducted prior to launching the healthy skin campaign. E. TASKAN-KARAMUSEL
A. WETZSTEIN *Germany*

PP 003/ 32

Safety of Machinery - Perpetuating the systemic approach and the integration of human factors into machinery. P. PAPPACHAN,
M. SCHAEFER *Germany*

PP 004/35

Legal foundation of the integration of safety and health in education and training.
H. GOORDEN *Belgium*

PP 005/40

Safety climate in the Nordic construction industries. P. KINES, J. LAPPALAINEN, K. TOMASSON,
K.A. HOLTE, M. TOERNER, K.L. MIKKELSEN,
E. OLSEN, A. POUSETTE, S. LARSSON *Denmark*

PP 006/72

Occupational risk assessment of workers employed in uncontrolled burning processes.
M. POSNIAK, M. SZEWCZYNSKA,
E. DOBRZYNSKA *Poland*

PP 007/99

Safety and prevention measures of employees in microbiological-research laboratories.
D. TOUKAS, A. TOUKA *Greece*

PP 008/101

Epidemiological approach of biological risk in the hospital environment. D. TOUKAS,
P.KATSAKIORI, A. KAZANTZIS *Greece*

PP 009/128

Workplace risk assessment as the main tool for prevention of accidents.
K. REINHOLD, M. JARVIS, P. TINT *Estonia*

PP 010/144

Pedestrian - motor vehicle accidents in rural population of Crete.
N. SYRMOS, V. VALADAKIS, K.GRIGORIOU,
E. GRISBOLAKI, D. ARVANITAKIS *Greece*

PP 011/146

Maxillofacial injuries related to occupational accidents. N. SYRMOS, G. MASTORAKIS,
I. LOGOTHETIS *Greece*

PP 012/147

Occupational back pain in nursing personnel.
N. SYRMOS, K. GRIGORIOU,
V. VALADAKIS *Greece*

PP 013/152

Systems engineering approach for the railway worksites' safety modeling.
J. RODRIGUEZ, S. SOBIERAJ, C. BLATTER,
P. VIGNES *France*

PP 014/162

Prevention of biological risks in the construction of a new department of microbiology: from design to installation, 12 years of experience (1996: 2008).
C. BERLIE, M. VEYRES *France*

PP 015/164

Professionally important qualities of train drivers and risk prevention of their unreliable work.
K.O. BUROVA, V.M. SAMSONKIN, T.O. SHALAEVA,
O.Y. BUROV, Z.P. MAZURENKO *Ukraine*

PP 016/197

New hygienic standard values for chemicals in workplace atmosphere in Poland in 2007.
S. CZERCZAK,
M. KUPCZEWSKA - DOBECKA, *Poland*

PP 017/214

The impact of Health and Safety training in employees? Accidents related absenteeism.
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Dates

The conference starts on Tuesday, 30 Sept. 2008 and ends on Friday, 3 Oct. 2008

Official Language

The official language of the congress is English. However, simultaneous translation English-Greek and vice versa will be available to all plenary sessions and the welcome dinner.

Conference Organizing office and secretariat

Heliotopos Conferences
28, Ypsilantou str. GR-172 36, Dafni, Athens, Greece
Tel.: +302109730697, Fax: +302109767208
E-mail: wos2008@heliotopos.net, Website: <http://wos2008.conferences.gr>

Venue

The conference will be held at **CRETA MARIS** hotel, an Aegean style seaside resort Hotel & Conference Centre, situated 24 km east of the Heraklion International Airport, close to the fishing village of Hersonissos, a long sweeping bay of sandy beach and crystal clear water.
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Location

Hersonissos is a tourist resort near Heraklion, the city capital of the island of Crete. Hersonissos is a modern and a very busy holiday resort with innumerable hotels, bars, restaurants, night clubs and a large range of shops.

Optional Tours

KNOSSOS & HERAKLION CITY - HALF DAY

Only few kilometers south of Heraklion, the old capital of King Minos, the center of the magnificent Minoan Civilization is located. Our visit here will take us a step back at 2000 B.C. The palace of Knossos, famous through the myths of the Labyrinth, Minotaur, Europe, Theseus, Daedalus and Icarus will open us a window to the most ancient civilization of Europe. In Heraklion you may walk around the city and visit the Venetian town hall and the fortifications, the impressive Cathedral and the open street market.
Cost per person 39,00€

SPINALONGA-AGIOS NIKOLAOS with BBQ - FULL DAY

Eastbound on the national road, we arrive at the small picturesque village of Elounda, where we will have the chance of a promenade around this village. Afterwards we sail to island of Spinalonga. At Spinalonga we will have a guided tour around the island. Originally, Venetians fortified the islet in 1579 by building a castle with 40 cannons and thus transforming it to a stronghold for centuries. Later it became notorious as it was the isolation center for lepers from 1903 until 1957. Then we will reach the islet of Kolokytha where you will be able to enjoy the crystal waters of Mirabello gulf as well as a BBQ. Returning to Elounda we are going to visit the beautiful town of Ag.Nikolaos. The picturesque harbour, which looks like a lake, offers an interesting walk.
Cost per person 53,00€ Including meal

LASSITHI PLATEAU - FULL DAY

Visit the famous Lassithi Plateau, the 2500-hectare fertile plain of Lassithi that lies high in the Dikti mountain. On this excursion you will see the green patchwork panorama dotted with stone windmills and you will have a chance to enjoy breathtaking views of the Cretan seascapes and landscapes. The mythical birthplace of Zeus, the cave of Psychro with its stalactites and stalagmites is one of the stops during this trip. Another stop is made at the Monastery of Kera.
Cost per person 47,00€

FESTOS-GORTYN-MATALA - FULL DAY

Festos was the second largest Minoan palace. It has a majestic location overlooking the Mesara plain. To the west the palace views the imposing Mount Psiloritis. Myths claim that Rhadamanthys, brother of Minos, founded and ruled Festos. It was an important religious, administrative and economic centre during the Minoan times. An earthquake destroyed the first palace in 1700 B.C., built here around 1900 B.C. Afterwards, the palace was rebuilt on a grander scale and this second construction is what is seen today. During the Archaic, Classical and Hellenistic periods, Festos was an independent city. The city-state was defeated in 220 A.D. by Gortyn. Archaeologists began excavations here in 1900. The Italian archaeologist Federico Halbherr headed the Italian Archaeological Mission working at Festos. His focus and direction of excavation was completely different from Evans' at Knossos and, as a result, reconstruction was minimal.
Cost per person 46,00 €

- The optional tours are at extra cost to participant.
- The Entrance fees are not included.
- All prices are in Euro Per Person including Bus/Boat and Guide Service.
- Minimum participation 25 persons.



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THE MYTH OF DAEDALUS AND ICARUS



In Greek mythology, Daedalus was a most skillful artificer, so skillful that he was said to have invented images.

Daedalus had two sons: Icarus and Iapyx. He is first mentioned in Homer as the creator of a dancingground for Ariadne. Homer refers to Ariadne by her Cretan title, the "Lady of the Labyrinth". The Labyrinth on Crete in which the Minotaur was kept, was also created by Daedalus. Daedalus built the labyrinth for King Minos, who needed it to imprison his wife's son the Minotaur. The story is told that Poseidon had given a bull to Minos so that he might use it as a sacrifice. Instead, Minos kept it for himself and in revenge, Poseidon made his wife lust for the bull. Daedalus was shut up in a tower to prevent his knowledge of the labyrinth from spreading to the public. He could not leave Crete by sea, as the king kept strict watch on all vessels, permitting none to sail before being carefully searched area. Since Minos controlled the land and sea routes, Daedalus set to work to fabricate wings for himself and his young son Icarus. He tied feathers together, from smallest to largest so as to form an increasing surface area. The larger ones he secured with thread and the smaller with wax, and gave the whole structure a gentle curvature like the wings of a bird. When the work was finally completed, the artist, waving his wings, found himself buoyed upward and hung suspended, poising himself in the air. He next equipped his son in the same manner, and taught him how to fly. When both were prepared for flight, Daedalus

warned Icarus not to fly too high, because the heat of the sun would melt the wax, nor too low because the sea foam would make the wings wet and they would no longer fly. Thus the father and son flew away. They had passed Samos, Delos and Lebynthos when the boy began to soar upward as if to reach heaven. The blazing sun softened the wax which held the feathers together and they came off. Icarus fell into the sea. His father cried, bitterly lamenting his own art, called the land near the place where Icarus fell into the ocean Icaria in memory of his son. Eventually Daedalus arrived safely in Sicily, in the care of King Cocalus, where he built a temple to Apollo and hung up his wings as an offering to the god.

The myth of Daedalus and Icarus exhibits the strife between safety and initiative. It also shows that common ground for both is experience and knowledge, especially in a constantly changing world.

*Daedalus and Icarus, by Charles Paul Landon, 1799
(Musie des Beaux-Arts et de la Dentelle, Alençon)*

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