OCCUPATIONAL HYGIENE
ADVANCED COURSE
for Experts in Occupational Health and Safety

20 – 24 APRIL 2015
UNISER – Via S. Pertini, 358 – Pistoia (ITALY)

The course is a part of the activities of the OSHNET SCHOOL
for High Certified Education in Occupational and Environmental Safety and Health

CREDITS GIVEN
40 credits for the International ICFP Certification Exam
40 credits for RSPP and ASPP in the Italian permanent educational system for Occupational Health and Safety
40 CFP (Professional Credits for Engineers)
38 CFP (Professional Credit for Doctors in Chemistry)

ECM Credits required for Doctors in Medicine, Physics, Chemistry and Experts in Prevention

SCIENTIFIC COLLABORATION AND SUPPORT IN ORGANIZATION
BY

VIE EN.RO.SE. Ingegneria S.r.l.

aidii
**PROGRAMME**

developed by OSHNET SCHOOL Scientific Committee

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**Monday 20 April 2015**

09.00 – 11.00  
**Introduction**  
Sergio Luzzi / Yucel Demiral  

11.00 – 13.00  
**Occupational Medicine**  
Giulio Arcangeli  
Epidemiology: indexes (mortality, morbidity, injuries), Cancerogenic Agents, Toxicology, Biological Monitoring, Sanitary Control, Work related illness.

14.00 – 16.00  
**Physical Agents: Noise**  
Sergio Luzzi  

16.00 – 18.00  
**Physical Agents: Vibrations**  
Sergio Luzzi  

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**Tuesday 21 April 2015**

09.00 – 11.00  
**Physical Agents: Microclimate, Illumination, VDT**  
Riccardo Fusi  
Microclimate: methods and system of measurement Termofisiology: thermal comfort, stress from heat or cold Illumination, VDT.

11.00 – 13.00  
**Physical Agents: Non ionizing Radiation**  
Arzu Fırlar  
Electromagnetic fields: Basis and definitions, health effects, measurements, prevention and protection.

14.00 – 16.00  
**Physical Agents: Ionizing Radiation**  
Arzu Fırlar  
Ionizing radiation: Basis and definitions of radio-protection, health effects, measurements, prevention and protection.

16.00 – 18.00  
**Physical Agents: Optical Radiation**  
Laura Filosa  
Optical Radiation: Basis and definitions, health effects, measurements, prevention and protection, Blue light effects.
Wednesday 22 April 2015

09.00 - 11.00  
**Chemical Agents**  
Andrea Cattaneo  
Risk Analysis and risk management. Introduction to risk characterization, elements of control banding and REACH approach to safe use of chemicals.

11.00 - 13.00  
**Chemical Agents: Dust, Silica**  
Andrea Cattaneo  
Dust and non organic aerosol from metal, wood, silica  
Substance classification and labelling, weight criteria.

14.00 - 16.00  
**Chemical Agents: gas and vapour**  
Andrea Cattaneo  
Organic Substances characterization, methods for sampling and analysis  
Quality control, TLV, Risk assessment.

16.00 - 18.00  
**Biological Agents**  
Ayse Ozturk  
Biological Agents classification, biological risk management and control.  
Sampling and analysis of biological agents, TLV and guidelines.

Thursday 23 April 2015

09.00 - 11.00  
**Ergonomics**  
Giulio Arcangeli  
Ergonomics in workplaces, biomechanic overload, Postural assessment and of static work, limitation of idoneity.

11.00 - 13.00  
**Psycosocial Risks**  
Yucel Demiral  
Definition of psychosocial risks. Models and measurements. Assessment and prevention.

14.00 - 16.00  
**Control Strategy**  
Domenico M. Cavallo  
Workplaces and production cycles, Pollutant in workplaces, organization of a survey, control methodologies.

16.00 - 18.00  
**Indoor Air Quality**  
Domenico M. Cavallo  
Indoor air quality test and assessment, methodology for risk assessment and standard for air quality.

Friday 24 April 2015

09.00 – 13.00  
**Practical Lessons and Training – Technical Visit**  
Manfredi Montalti / Stefano Dugheri

16.00 – 18.00  
**Final Exam**
REGISTRATION

Please fill the REGISTRATION FORM and pay the registration fee of €. 600,00 before 31/03/2015, via bank transfer to VIE EN.RO.SE. Ingegneria, IBAN: IT25N0200802847000041163235, BIC SWIFT: UNCRITM1512, specifying as payment reason “COURSE OSHNET SCHOOL PISTOIA – NAME AND SURNAME”. Please send the filled form and copy of payment to elena.scatragli@vienrose.it, specifying in object: “COURSE OSHNET SCHOOL PISTOIA – NAME AND SURNAME”. Alternatively, please contact the local Director and local office of OSHNET SCHOOL of your country.

INFORMATION

Scientific Director of Course – Sergio Luzzi: sergio.luzzi@vienrose.it
Scientific and Administrative Secretariat - Elena Scatragli: elena.scatragli@vienrose.it

APPLICATION FORM

OSHNET SCHOOL - COURSE OCCUPATIONAL HYGIENE – PISTOIA 20-24 APRIL 2015

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