

# Workshop 1

## Chemistry for Secure Societies

### CONVENERS

- Vasile Parvulescu, University of Bucharest, Romania
- Genserik Reniers, TU Delft, The Netherlands
- Arben Merkoçi, Inst. Català de Nanociència i Nanotecnologia, Barcelona, Spain

### WORKSHOP ORGANIZING COMMITTEE

- Matteo Guidotti, CNR-Institute of Molecular Sciences and Technologies, Milano
- Elisa Michelini, University of Bologna
- Ernesto Salzano, University of Bologna
- Vincenzo Vaiano, University of Salerno
- Roberto Consolo, CNR- Institute of Molecular Sciences and Technologies, Milano

### ORGANIZED BY

- SCI Divisions of Industrial Chemistry and Analytical Chemistry
- SCI Interdivisional groups of Catalysis, Security in Chemistry Environment, Sensors

### PATRONAGE and SUPPORT BY

- European Chemical Society (EuChemS)
- Order of Malta Italy
- Academy of Sciences of the Institute of Bologna

### SHORT DESCRIPTION

The workshop will highlight the pervasive role of Chemistry in the field of security, in terms of detection, prevention, protection, mitigation and defence against the use of hazardous materials, highly toxic chemicals and dangerous products (e.g. explosives, poisons, bio-toxins, radioactive agents) for criminal purposes.

Following a trans-disciplinary approach, spanning from advanced analytical chemistry to materials science, from sensor technology to catalysis, the latest advances in the field of rapid detection, personal protection, decontamination and security policies will be presented and discussed by eminent experts from academia, research institutions, industry and governmental agencies, working on a daily basis for secure, resilient and ethically correct societies.

### CALL FOR ABSTRACT:

See general indications for the conference, indicate WS1 or Chemistry for Secure Societies.

## INVITED SPEAKERS

- Senior Technical Expert, Italian Firefighters Corps
- Senior Technical Expert, Forensic Police, Italy
- Technical Expert, Italian Army
- Technical Consultant, National Authority for CWC, Italian Ministry of Foreign Affairs and Cooperation
- Chiara Bisio, University of Eastern Piedmont, Alessandria, Italy

## PROGRAMME OF THE WORKSHOP

2 days: 29<sup>th</sup> and 30<sup>th</sup> of August

Day 1 with plenary and keynote lectures and one round table led by leading experts at national and international level from academia and governmental institutions

Day 2 with plenary and keynote lectures and one round table led by relevant experts from industry

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### Further information and workshop-specific Secretariat

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