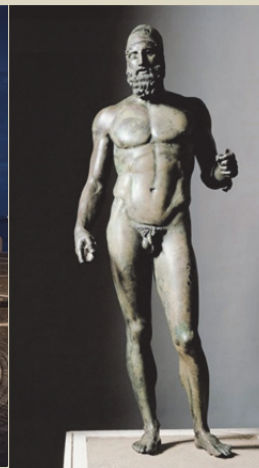




6th EnvImeko Imeko TC19 Symposium on Environmental Instrumentation and Measurements



June 24-25, 2016 Reggio Calabria, Italy



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Call for Papers:

The 6th Symposium on Environmental Instrumentation and Measurements will take place at Reggio Calabria, Italy. Archaeological discoveries and historic sites in soil and subsoil can be considered as part of environment, so under the slogan "Measurement for the endorsement of the subsoil and historical evidences" researchers from all over the world will get together to discuss about innovations and improvements on environmental data acquisition, monitoring and analysis. In addition, the latest evolutions in the pollution of air and water or the global warming challenge scientists to work on new methods to be able to detect and react to the current conditions are welcome. Authors are invited to submit a full manuscript (4-6 pages including references) for oral or poster presentation. Expanded and improved papers of the version published in the symposium proceedings are eligible for post-publication in international reputed journals (Measurement - Elsevier, ACTA Imeko, International Journal of Measurement Technologies and Instrumentation Engineering) and book series.

Topics:

- Analytical measurements of the three main environmental media: water and/or liquids, air and/or gases, soil and/or solids
- Analytical measurements of other environmental matrices dealing with issues such as human, plant, animal and synthetic products
- Instrumental methods for the measurement of environmental noise and vibration pollution
- Development and improvement of analytical methods for measuring environmental pollutants
- Development of new analytical methods, sensors and instruments for monitoring of air, water and soil quality in residential, industrial, as well as, agricultural areas
- Development and improvement of remote sensing methods for measuring environmental pollution
- Development of new platforms (airborne-based and ground-based systems) and image processing techniques for detection of potential sources of contamination and monitoring of air, water and earth quality
- Development of Geographic Information Systems to perform spatial analysis of remote sensing-based and ground-based environmental assessment
- Evaluation and assessment of environmental data
- Quality assurance and quality control of environmental measurements
- Cloud computing and signal processing
- Sensors, networks of sensors and devices
- High performance computing for extreme events and climate changes
- Nanotechnology
- Environmental bio-monitoring
- Modeling
- Micropollutants
- Metrology and characterization
- Radioactivity and non-ionizing characterization
- Automatic measurement systems (AMS)
- Artificial intelligence and expert and decision making systems
- Environmental meteorology
- Energy and pollution control
- Soil and subsoil monitoring for preserving archaeological discoveries or historic sites

Important Dates:

April 30, 2016 Abstract submission
May 31, 2016 Final paper submission - early registration deadline
June 10, 2016 Last possible payment for inclusion in proceedings

Website: <http://envimeko2016.unirc.it/>

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