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## The speakers

**Luigi Sanità di Toppi** is Associate Professor of General Botany at the Faculty of Mathematical, Physical and Natural Sciences of the University of Parma, Italy. For over 15 years he has been carrying out advanced research in plant biology, especially in the area of biomonitoring of pollution by heavy metals, using lichens and algae. In the course of his career he has conducted experimental research studies in several laboratories in Italy (Florence CNR - National Research Centre; universities of: Florence, Bologna, Turin, L'Aquila, Pisa; "Consorzio di Ricerche Applicate alla Biotecnologia" – Centre for Applied Research in Biotechnology – of Avezzano) and abroad (Pennsylvania State University, USA; Centre for Ecological Research, Lublin, Poland; University of Munich, Germany).



A member of the Italian Society of Botany, the Italian Lichenological Society, the Federation of European Societies of Plant Biology and of the editorial/advisory boards of several international scientific journals, professor Luigi Sanità di Toppi has published over 120 among books, articles and papers for national and international conferences on plant response to pollution by heavy metals.

**Federico Valerio** is head of the Environmental Chemistry Service of the National Cancer Institute of Genoa, Italy and a researcher at the same institute. He is one of Italy's best known experts on environmental chemistry and post consumption material (urban waste) management. He is the author of several publications and actively promotes and disseminates scientific research. He has served as a consultant on environmental matters to several public and private institutions. He has been a member of working groups at UNICHIM, at the Istituto Superiore di Sanità - National Health Institute -, the Scientific and Technical Committee of the Region Liguria and an expert in several environmental lawsuits. He is a member of the following scientific societies: SCI, MESAEP, SETAC, SIVR, Italian Doctors for the Environment, ISDE.



The studies carried out by the Laboratory of the Environmental Chemistry Service are mainly focused on urban population's exposure to environmental carcinogens and the development of innovative solutions to identify the sources of pollution. In this area, dr. Valerio has worked as a consultant and carried out research for the following local authorities: the Region of Liguria, the Environmental Department of the Latium Region, the Provinces of Genoa, Savona and Trento, the municipalities of Genoa, La Spezia, Trento, Savona, Reggio Emilia, Parma, Quattordio (AL), Ceranesi (GE), Spinadesco (CR), Gubbio, Cologna Veneta (VR), San Giovanni Lupatoto (VR), Quiliano (SV) and the following organisations: AMIU, ENEL, ACI of Massa and La Spezia, the national environmental association Legambiente and other associations and citizens' committees.

The Community Bureau of Reference (BCR) has appointed the Laboratory headed by dr. Valerio as a Certifying Body for IPA concentrations for the following benchmark samples: CRM 088 (sludges), CRM 254 (industrial soil), CRM 535 (sediments).

*Conference organized by Rete Donne Brianza*

**"BIOMONITORING OF POLLUTION IN THE AREA AROUND HOLCIM CEMENT PLANT, MERONE, ITALY"**  
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