

TENTH WORLD CONFERENCE
THE FUTURE OF SCIENCE™



The Eradication of Hunger

VENICE, SEPTEMBER 18-20, 2014

Fondazione Giorgio Cini, Isola di San Giorgio Maggiore, Venezia

The Tenth World Conference on The Future of Science will explore a theme that puts science at the centre of the social debate: *The Eradication of Hunger*.

The aim is to offer a global vision of problems such as water scarcity, the development of sustainable agriculture, food safety, food and health; and to indicate how science and technology can contribute to solving these problems. Economic, political and ethical aspects will also be discussed.

The conference will start from the assumption that everybody has a right to clean water and wholesome food. These are not only moral imperatives: any investment to accomplish them will bring major economic returns.

For information and registration info@thefutureofscience.org - www.thefutureofscience.org

CONFERENCE COMMITTEES

President Umberto Veronesi

Vice President Kathleen Kennedy Townsend

Secretary General Chiara Tonelli

Organising Committee Carlo Bucci, Pasquale Gagliardi, Armando Peres, Lucio Pinto, Monica Ramaioli

Scientific Committee Zhores Alferov, Peter Atkins, J. Michael Bishop, Claudio Bordignon, Claude

Cohen-Tannoudji, Daniel Dennett, Luc Montagnier, Paul Nurse, Philip Pettit, Carlo Rubbia

Program Committee Maria Ines Colnaghi, Lucio Conti, Giulio Giorello, Pier Giuseppe Pelicci, Telmo Pievani, Gabriella Pravettoni, Chiara Tonelli, Lisa Vozza

The Conference is organised by:



THURSDAY – SEPTEMBER 18TH, 2014 – h. 5.00/7.00 p.m.**Welcome Addresses**

Umberto Veronesi	President The Future of Science
Giovanni Bazoli	President Giorgio Cini Foundation
Marco Tronchetti Provera	President Silvio Tronchetti Provera Foundation
Kathleen Kennedy Townsend	Vice President The Future of Science
Chiara Tonelli	Secretary General The Future of Science

Opening Lectures

<i>Access to plant genetic resources for food and agriculture and its relevance to eradication of hunger</i>	Shivaji Pandey , Special Advisor to Director, Plant Production and Protection Division, Food and Agriculture Organization (FAO) of the United Nations, Rome
<i>Harnessing modern biology in sustainable and sufficient food crop production</i>	David Baulcombe , Regius Professor of Botany, Royal Society Research Professor, Department of Plant Sciences University of Cambridge

WELCOME COCKTAIL – FONDAZIONE CINI, h. 7.00 p.m.

FRIDAY – SEPTEMBER 19TH, 2014 – h. 9.00 a.m./1.00 p.m.**“Water Scenario”**

<i>The Global Water Scenario: Human & Socio-Economic Impacts & Solutions</i>	Stella Thomas , Founder and Managing Director, Global Water Fund, USA
<i>Sanitizing water at minimal costs</i>	Andrea Cuomo , Executive Vice President, STMicroelectronics

“The Challenge of Food Security”

<i>Water more precious than gold: improving plant water efficiency</i>	Chiara Tonelli , Professor of Genetics, Department of Life Sciences, University of Milan
<i>Improving root systems for crop efficiency</i>	Ulrich Schurr , Professor of Plant Sciences, Forschungszentrum Jülich, Germany
<i>Golden Rice: status and perspectives</i>	Ingo Potrykus , Emeritus Professor of Plant Sciences, Swiss Federal Institute of Technology (ETH) Zurich, Switzerland
<i>Addressing Food Security Through Nutritional Enhancement of Food</i>	Cathie Martin , Department of Metabolic Biology, John Innes Centre, Norwich, UK

FRIDAY – SEPTEMBER 19TH, 2014 – h. 2.00 p.m./6.00 p.m.

“Economic and social Scenario”

Hunger and Economics

Giovanni Fattore, Professor, Chair Department of Policy Analysis and Public Management, Università Bocconi, Milan

Food Wastage: the hidden costs

Andrea Segrè, Professor of International and Comparative Agricultural and Food Policy, University of Bologna

Sustainable Nutrition and the Eradication of Hunger

Anne Roulin, Vice President Nutrition, Health & Wellness Sustainability, Nestlé Global Headquarters, Vevey, Switzerland

Food, law and policy

Livia Pomodoro, President, Court of Milan

Panel discussion: “GMO: facts and opinions”

- ***Italy needs GM Maize***

- **Roberto Defez**

Researcher, Institute of Biosciences and Bioresources, CNR, Napoli

- ***Safety and innovation on the table: trends in public perception of GMOs and food related issues***

- **Massimiano Bucchi**

Professor of Science and Technology in Society, University of Trento

- ***Mind the Food***

- **Gabriella Pravettoni**

Professor of Cognitive Psychology, University of Milan; Director of the Applied Research Unit for Cognitive and Psychological Science, IEO, Milan

- ***Nutrition and Ethics***

- **Giulio Giorello**

Professor of Philosophy of Science, University of Milan

SATURDAY – SEPTEMBER 20TH, 2014 – h. 9.00 a.m. – 1.30 p.m.

“Food and Health”

The co-evolution between human beings and nutrition

Telmo Pievani, Professor of Philosophy of Biological Sciences, Department of Biology, University of Padua

The Mediterranean Diet at a time of economic crisis: messages from the Moli-sani Study

Maria Benedetta Donati, Head, Laboratory of Translational Medicine, Department of Epidemiology and Prevention, IRCCS Istituto Neurologico Mediterraneo Neuromed

Nutrigenomics: how food influences health

Katia Petroni, Assistant Professor of Genetics, Department of BioSciences, University of Milan

On the other end: the strive for personalized nutrition

Hannelore Daniel, Professor, Centre Institute for Nutrition and Food science, ZIEL, Technische Universität München, Germany

AIRC Lecture:

Obesity and Cancer: linking nutrients, hormones, genes and metabolism

Antonio Moschetta, Interdisciplinary Department of Medicine, University of Bari "Aldo Moro"

Ending hunger and attaining global food security: the need for collective action to support small holder farmers

Arif Husain, Chief Economist and Deputy Director, Policy, Programme and Innovation Division - Analysis and Nutrition Service, United Nations World Food Programme