

ORGANISING SECRETARIAT
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8th WORLD CONFERENCE ON
THE FUTURE OF SCIENCE™



Nanoscience Society
VENICE, SEPTEMBER 16-18, 2012

LOCATION FONDAZIONE GIORGIO CINI - ISOLA DI SAN GIORGIO MAGGIORE

DEDICATED SHUTTLE BOAT. During the Conference days a free shuttle boat service to/from San Zaccaria (in front of Hotel Jolanda) - Cini Foundation will be arranged for participants.

TIMETABLE

SEPTEMBER 16:	San Zaccaria » Cini.....	4.00 PM - 4.20 PM - 4.40 PM
	Cini » San Zaccaria.....	9.00 PM - 9.30 PM
SEPTEMBER 17:	San Zaccaria » Cini.....	8.00 AM - 8.20 AM - 8.40 AM
	Cini » San Zaccaria.....	5.30 PM - 5.50 PM
	San Zaccaria » San Toma' (Concert San Rocco).....	7.45 PM
	<i>Only on the way to the concert venue/Rientro autonomo</i>	
SEPTEMBER 18:	San Zaccaria » Cini.....	8.20 AM - 8.40 AM
	Cini » San Zaccaria.....	2.15 PM - 2.45 PM



Daily program

SUNDAY, SEPTEMBER 16, 2012

5.00 PM – 7.00 PM WELCOME ADDRESSES

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

OPENING LECTURES

Roberto Cingolani Nanotechnologies for Humans and Humanoids
Mihail Roco How the world has changed with Nanoscience and Nanotechnology?

7.00 PM WELCOME COCKTAIL

MONDAY, SEPTEMBER 17, 2012

9.00 AM – 12.45 AM MORNING SESSION

Nanotechnology for a smart society

CHAIRS: **Andrea Cuomo** Executive Vice President, STMicroelectronics
Marco Tronchetti Provera President, Pirelli & C
John Kelly The Nano Journey: from Billions to Trillions and Beyond
Mark Horowitz The Story of Computing: how Making Things Smaller Makes Them More Powerful
Fabrizio Tamburini A new Discovery for the Wireless Transmission of large Dataflows

10.45 AM – 11.15 AM COFFEE BREAK

Giulio Sandini The Challenge of Future Robots
Mario Tokoro Achieving Continuous Operation of Huge, Complex and Ever-Changing Systems in the Nanotechnology Era

PANEL DISCUSSION

12.45 AM LUNCH

2.00 PM – 5.30 PM AFTERNOON SESSION

Nanomaterials for improved sustainability

CHAIRS: **Paolo Milani** Department of Physics, University of Milano; Scientific Director Fondazione Filarete
Pier Giuseppe Pelicci Director, Department of Experimental Oncology, Istituto Europeo di Oncologia

Daily program

Sotiris E. Pratsinis Manufacture of functional Nanomaterials and Devices
Athanassia Athanassiou Multifunctional Polymeric Nanocomposites
Michael Grätzel Nanotechnology for sustainable energy

3.45 PM – 4.05 PM COFFEE BREAK

Nora Savage The future Challenges and Opportunities in Nanoscience for the Environment
Massimiano Bucchi How Does the Public Make Sense of Emerging Science and Technology Areas?

PANEL DISCUSSION

8.00 PM COCKTAIL AND CONCERT AT SCUOLA GRANDE DI SAN ROCCO

TUESDAY, SEPTEMBER 18, 2012

9.00 AM – 1.00 PM MORNING SESSION

Nanomedicine: novel diagnostics and therapeutics

CHAIRS: **Pier Paolo Di Fiore** Director, Program of Molecular Medicine, Istituto Europeo di Oncologia
Umberto Veronesi Scientific Director, Istituto Europeo di Oncologia

Fabio Beltram Nanotechnology: new Paradigms and Opportunities in Theranostics

Kenneth A. Dawson Nanoparticle interactions in Biology and Nanosafety
Mauro Ferrari Cancer Nanomedicine and Transport Oncophysics

AIRC LECTURE PANEL DISCUSSION

11.00 AM – 11.30 AM COFFEE BREAK

CLOSING DISCUSSION

The Future of Nanoscience

CHAIR: **Riccardo Luna** Editor for Innovation, La Repubblica

Roberto Cingolani Scientific Director Istituto Italiano di Tecnologia
Andrea Cuomo Executive Vice President, STMicroelectronics
Paolo Milani Dept. of Physics, University of Milano; Scientific Director Fondazione Filarete

1.00 PM LUNCH

LANGUAGES: The official languages of the conference are English and Italian. Simultaneous translations into Italian and English are provided.