



Program

XVIII Conference of Italian Researchers in the World Vancouver - April 13, 2024

09:00 (PDT) – 18:00 (Italian Time) – Moderated by

Marzio Pelu'

Journalist – Editorial Staff
Corriere Canadese
Content Editor - Cnmng News

09:00 Welcome

Bashir Makhoul

President University Canada West

Michele Vincenti

Dept. Chair of Leadership and People Management Faculty-University West Canada-
XVIII Conference Executive Director

Andrea Giuffrida

President Texas Scientific Italian Community (TSIC)

Costanza Conti

Scientific Attaché
Embassy of Italy in Canada

09:20 Opening Remarks

Vincenzo Arcobelli

Conference Chairman
Rep. General Council for Italians Abroad - (CGIE)

Orazio Schillaci

Italian Minister of Health

09:30 Research - Global Engagement

INTRODUCTION

Rocco Bellantone

President of the Higher Institute of Health

Giuseppe Ciccarone

Vice-Rector
Deputy Rector for Internationalization Policies and the Third Mission,
Full Professor of Economic Policy, Dept. of Economics and Law, Sapienza University, Roma
International research excellence at Sapienza University: agreements and opportunities for young scholars

Stefano Boccaletti

Ph.D., Director of Research at the Institute of Complex Systems of the Italian CNR, Florence.
Complex networks: theory and applications

Alessandro De Lorenzo

Major General, Test Pilot,
Commander of the Air Test Division, ITAF Logistics, Italy;

Fabrizio De Paolis

Col. Ph.D. in Chemical Science, Chief of the Aerospace Material and Technologies Dept., Air Test Division
Sustainable Aviation Fuel - The Italian Air Force Experience

Massimiliano Picciani

Ph.D., Director Innovation and Technology start-up project-Bpifrance
Funding for research and innovation in France

10:20 Associations of Italian Researchers Abroad- "Their Role"

Fabio De Furia

President, Miami Scientific Italian Community (MSIC)

Ilaria Pagani

President, Association of Italian Researchers in Australia (ARIA)

Cristina Bettin

President, Association of Italian Scholars and Scientists in Israel (AISSI)

Sarah Cosentino

President, Association of Italian Researchers in Japan (AIRJ)

Rossana De Angelis

President, Rete dei Ricercatori Italiani in Francia (RÉCIF)

Rosanna Bonasia

President, Associazione Ricercatori Italiani in Messico (ARIM)

Antonio Giordano

President, Sbarro Institute for Cancer Research (SHRO), USA.

Francesco Zappalà

Board of Directors, ARPICO (Society of Italian Researchers & Professionals in Western Canada)

11:30 Sessions Presentation

AEROSPACE

Walter Villadei

Col. Astronaut, Head of the Italian Airforce Representative in the US for the activities of Access to Space within the Commercial Spaceflight Axiom Space, Inc.

From the ISS to the new space stations. Opportunities and Perspectives

MEDICINE

Moderators

Ilaria Stefania Pagani

Ph.D., Affiliate Senior Lecturer, Faculty of Health and Medical Sciences, Leukaemia Research Group, Cancer Program SAHMRI, Adelaide, Australia



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Sara Damiano

Ph.D., Researcher at the Department of Veterinary Medicine and Animal Production, University of Naples

Viviana Vella

Ph.D., Dept. Biochemistry and Biomedicine, School of Life Sciences, University of Sussex, UK

Kinome-Wide Synthetic Lethal Screen Identifies PANK4 as a Modulator of Temozolomide Resistance in Glioblastoma

Raffaele Sarnataro

Ph.D., Research Scientist in Neuroscience Centre for Neural Circuits and Behaviour, University of Oxford, England
Mitochondrial Origins of Sleep Pressure Control

Maddalena Parafati

Ph.D., Dept. of Pharmacodynamics, College of Pharmacy, University of Florida, Gainesville
Human Skeletal Muscle-on-a-Chip to Model Tissue Formation and Disease Mechanisms: Opportunity to Study the Impact of Microgravity at the Molecular Level

Sara G.M. Piccirillo

Ph.D., Assistant Professor, Dept. Cell Biology and Physiology
Full Member, UNM Comprehensive Cancer Center
The Brain Tumor Translational Laboratory,
University of New Mexico Health Sciences Center, USA
Single-Cell and functional phenotyping analysis of glioblastoma infiltrative margin

Antonio Colaprico

Ph.D. Associate Scientist, Dept. Public Health Sciences and Sylvester Comprehensive Cancer Center, University of Miami Miller School of Medicine, Florida.

Multi-omics analysis identifies therapeutic vulnerabilities in triple-negative breast cancer subtypes

Maria Cuomo

Ph.D., Medical Biotechnologies at the Sbarro Health and Research Organization (SHRO), Temple University, Philadelphia

The Ubiquitination of UFL1 by the APC/C complex may affect the DNA repair pathway choice

13:00

STEAM Moderators

Simone Lucatello

National Council of Science and Technology (CONACYT) Mexico, Coordinator Leader report GEO 7 United Nations Program (UN) and Environment (UNEP)

International Environmental Scientific Diplomacy and GEO-7

Andrea Giuffrida

Ph.D., Senior Vice President for Research & Biotechnology
Western University of Health Sciences, California

Emanuele Dalla Torre

Ph.D. Associate Professor, Dept. Physics, Bar-Ilan University, Israel.
Leveraging Quantum-Inspired Optimization for Enhanced FoodTech Solutions: A Case Study of QuantyMize and Maiora Partnership

Elisabetta Boaretto

Ph.D., Professor, Scientific Archaeology Dept. Weizmann Institute of Science, Rehovot, Israel
Jerusalem and its architectural monuments: how to reconstruct the urban development using micro archaeological methods, radiocarbon dating while uncovering the archaeological record

Liliana Mammino

Ph.D., Faculty of Science, Engineering and Agriculture, University of Venda, South Africa
Computational studies of antioxidant acylphloroglucinols: an overview

Dalila Iannotta

Ph.D., School of Chemical Engineering, University of Queensland Australia
Unlocking the Potential of Extracellular Vesicles: Innovative Strategies for Purity, Precision, and Therapeutic Impact

Antonio D'Amore

Ph.D., Associate Professor
University of Pittsburgh, Dept. of Surgery and Bioengineering McGowan Institute For Regenerative Medicine;
Pietro Terranova

Ph.D., Scientist, Cardiovascular Tissue Engineering LAB Fondazione Ri.MED, Palermo, Italy McGowan Institute for Regenerative Medicine, University of Pittsburgh, USA

Grooved Double Component Mitral Shaped Collector To Mimic The Native Curvilinear Fiber Arrangement for a Tissue-engineered Mitral Valve



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[Luciana Duranti](#)

Ph.D. Professor, Information Studies.
The University of British Columbia,
Vancouver, Canada
PI, I Trust AI. Chair, Canadian
Government Standards Board
Committee for the Standard on
Electronic Records as Documentary
Evidence.

Paradata for Accountable AI

14:15

HUMANITIES

Moderator

[Simona Palladino](#)

Ph.D., Senior Lecturer in Social
Sciences, School of Social Sciences
Liverpool Hope University, UK

[Alessandro Carrera](#)

Ph.D., Professor, University of
Houston, Texas, USA

**The Politics of Desire: Carlo Sini reads
Plato's *Republic***

[Maria Carlotta Avanzi](#)

Assistant Professor, Akita Prefectural
University, Japan

**Seventh Century Japanese Art and its
Contextualization in East Asia Art
History**

[Luisa Villani](#)

Ph.D., Professor of Anthropology,
Autonomous National University of
Mexico, Mexico City

**A Text in Movement: a Performance-
Linguistics Theory**

[Hélène H. Leone](#)

Ph.D., Dept. Leadership and People
Management, Global Governance
Project, University Canada West,
Vancouver, BC. Canada

**UN SDG action and impact in Italy: A
cross-border study of school-
university partnerships**

15:15 (PDT) Conclusion

[Ph.D., Michele Vincenti](#)

XVIII Conference Executive Director

[Ph.D., Andrea Giuffrida](#)

President, Texas Scientific Italian
Community
