



Program

15th Conference of Italian Researchers in the World 12 December 2020

08:30 (CST) – 15:30 (Italian Time) - Sign in

08:45 Welcome

Alberto Pimpinelli

President, Texas Scientific Italian Community (TSIC)

Federico Ciattaglia

Consul General of Italy, Houston

09:15 Opening Remarks

Vincenzo Arcobelli

Conference Chairman

Gaetano Manfredi

Ministro dell'Università e della Ricerca Scientifica

Pier Paolo Sileri

Vice Ministro della Salute

Francesco Ubertini

Rettore, Università di Bologna

09:50 Introduction Associations of Italian Researchers Abroad

Fabio De Furia

President, Miami Scientific Italian Community (MSIC)

Antonio Giordano

President, Sbarro Health Research Organization (SHRO)

Simone Lucatello

President, Associazione Ricercatori Italiani in Messico (ARIM) &

Emilia Giorgetti

Attaché Scientifica Ambasciata d'Italia in Messico

Cinzia Zuffada

President, Italian Scientists & Scholars in North America Foundation (ISSNAF)

Moderator

Patrizia Angelini

Giornalista Rai 1
Inviata TG1-Uno mattina

10:45 Sessions Presentation

AEROSPACE

Moderator

Francesco Fusco

FISE –Executive Director Foundation for International Space Education

Veronica Bindi

Ph.D., University of Hawaii

Space weather and space radiation for future manned missions to the moon and Mars.

Fabrizio Festa

PA & Safety Engineer, European Space Agency (ESA) - The Hague-Netherlands

Orion Mission overview and the road to the next humans on the moon

11: 15

ENERGY

Moderator

Brando Ballerini

President Italy-America Chamber of Commerce, Texas

Francesco Balestrino

Renewable and Green Technologies product Manager Xsight Division

Floating offshore wind Hexafloat Saipem Solution

11:30

MEDICINE

Moderator

Sara Molinari

Ph.D., Biology Engineering
Rice University - Houston, Texas

Gabriele G. Schiattarella

M.D. Ph.D., Assistant Professor of Cardiology, Università Federico II of Naples, Italy and UT Southwestern Medical Center, Dallas, Texas

Alessio Fasano

M.D., Director at Harvard University Center for Celiac Research, and Director of the Mucosal Immunology and Biology Research Center (MIBRC) at MassGeneral Hospital for Children (MGHfC)

The Healing Power of Nutrition: How Diet Can Reshape Gut Microbiome And Influence The Balance between Health And Disease

Bruna Corradetti

Ph.D., Houston Methodist Research Institute, Houston, TX
Swansea University Medical School, Swansea, UK

Biomimetic and Immunomodulatory Strategies for the Treatment of Chronic Conditions



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Frank M. La Ferla

Ph.D., Dean and Chancellor's
Professor School of Biological
Sciences
University of California

Studying and Treating Alzheimer's Disease and the Role of Animal Models

Andrea Natale

M.D., Executive Director of the Texas
Cardiac Arrhythmia Institute at St.
Davis Medical Center in Austin Texas,
and the National Medical Director of
Cardiac Electrophysiology for HCA
Healthcare

EPLIVE

Camillo Ricordi

M.D., Stacy Joy Goodman Professor
and Director of the Diabetes Research
Institute and the Cell Transplant
Center at the University of Miami

Umbilical Cord Derived Mesenchymal Stem Cell

Infusions for Treatment of Subjects
with COVID-19 and Acute Respiratory
Distress Syndrome: a Double Blind,
Randomized Controlled Trial

Enrico Santus

Ph.D., Senior Data Scientist at Bayer
New Jersey

Artificial Intelligence: Challenges and Opportunities in the Health Care

13.15

STEAM

Introductory Speaker

Antonino Zichichi

Emeritus Professor of UNIBO
Former President of the World
Federation of Scientists

Moderators

Alessandro Alabastrri

Ph.D., Assistant Professor, Electrical
and Computer Engineering
Rice University, Houston, Texas

Lorenzo Brancaleon

AP Department of Physics and
Astronomy University of Texas at San
Antonio

Angela Lombardi

Ph.D., Historic Preservation Program
at University of Texas at San Antonio

Mauro Degli Esposti

Senior Researcher Fellow Center for
Genomic Science UNAM, National
Autonomous University of Mexico

On the Origins of Cellular Respiration

Fabio Finocchi

CNRS Senior Researcher
Institut des NanoScience de Paris
(INSP) and Sorbonne Universités,
France

Nuclear Quantum Effects in Condensed Matter

Giulia Galli

Liew Family Professor of Molecular
Engineering & Chemistry, University
of Chicago
Senior Scientist and Director of
MICCoM – Argonne National
Laboratory

Materials and Molecules through In- silico Lenses

Giuseppe Loianno

Director of the Agile Robotics and
Perception Lab, NYU Tandon School of
Engineering

Challenges and Opportunities for Autonomous Navigation of Micro Aerial

Matteo Pasquali

Ph.D., Director, The Carbon Hub
Department of Chemical &
Biomolecular Engineering Department
of Chemistry
Department of Materials Science &
NanoEngineering
The Smalley-Curl Institute

The Materials-Energy-Climate Nexus and How it Could Be Solved Making Materials Directly from Hydrocarbons

14:45

Moderators

Francesca D'Alessandro Behr

Professor of Italian and Classis,
Department of Modern & Classical
Languages, University of Houston

Moira Di Mauro-Jackson

Ph.D., Italian Program Coordinator
Department of World Languages and
Literatures
Texas State University, San Marcos

Jason Houston

Professor of Humanities and Dean of
the Gonzaga in Florence Program
Gonzaga University



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“Bronzino’s Portrait of Dante: Exile and Lust”

Daniela Bini

Professor of Italian Studies and
Comparative Literature
Department of French and Italian
The University of Texas, Austin

“Il libro dei sogni: Fellini’s Dreams and Nightmares”

15:30 Final Remarks
