



## PROGRAM

### **XIII Conference of Italian Researchers in the World (DRAFT)**

December 1<sup>st</sup>, 2018

**8:30-9:00**

National Anthems and Welcome Messages

Maryann Webster, Comites Houston (Announces the opening of the 13<sup>th</sup> Edition officially, calls for the national anthems and presents Valter Della Nebbia, President Comites - Houston for introductions of Vincenzo Arcobelli, President CTIM/ Cons. CGIE; Federico Ciattaglia, Italian Consul General, Houston; Representative City of Dallas (Mayor or Pro Mayor Team); Representative Richland College

**9:00-11:30**

Medicine I

Moderator: Sara Bravaccini

**Tp53 is Motivated by Sirt 1 in *de novo* Glioblastoma**

Sara Piccirillo

**Application of Microsurgical Techniques in Reconstructive Surgery**

Robert Ippolito

**The “Inorganic” Side of Life: the Fascinating Chemistry of Metals in Biological Systems**

Gabriele Meloni

**Skype connection with Philadelphia**

**The Impact of Environment and Lifestyle in Human Disease / Nutrition and Health**

Antonio Giordano, Carmelina Antonella Iannuzzi and Iris Maria Forte

**Metabolomics: the Search for Biomarkers to Diagnose Rare and Common Disease**

Teodoro Bottiglieri

**Skype connection with Chicago**

**Allopregnanolone Biomarker Axis: Towards a Blood-based Test to Predict, Diagnose and Treat PTSD more Efficaciously, Graziano Pinna**

**Survival and Cardiovascular Outcomes of Patients with Secondary Mitral Regurgitation**

Anna Sannino

**Heart Failure with Preserved Ejection Fraction: a Novel Model and a Novel Pathogenetic Mechanism**

Gabriele G. Schiattarella

11:30-12:30

Medicine II

Moderators: Nicola Abate and Luca Cicalese

**Skype connection with Philadelphia**

**Role of Heme Oxygenase 1 in Glioblastoma Cell Proliferation and Progression**

Carlo Castruccio Castracani

**Pluripotent Stem Cell Differentiation and their Fate**

Tiziano Barberi

Earth and Atmospheric Sciences

Moderators: Lorenzo Brancaleon and Ruben Sonnino

**Research on Atmospheric Turbulence and Wind Energy at the WindFluX Laboratory of the University of Texas at Dallas**

Giacomo Valerio Lungo

**Predicting the Past of Planet Earth to Forecast the Future**

Lorenzo Colli

**12:30 -13:30 Lunch**

*Performance by the Richland College Ensemble in the Atrium*

13:30-14:00

Innovation in Teaching and Research

Moderator: Dario Crosetto

**Advancing Educational Excellence in Biomedical Engineering**

Antonio D'Amore and Patrizia Livreri

**Innovative Models for Graduate Education at the Interface between STEM and non-STEM Disciplines**

Lorenzo Brancaleon

14:00-14:30

Technology

Moderator: Valter Della Nebbia

**5G, The Enabler of the Fourth Industrial Revolution**

Alessandro Di Salvo

**Skype Connection with Italy**

**Expandable Wet Process System in the Semiconductor Industry**

Ilaria Di Leo

14:30-16:00

Approaches to Learning

Moderator: Angela Lombardi

**Interactional Competence: An Approach to Learning Italian**

Maria Cristina Giliberti

**Rethinking the Language Learning Experience**

Sergio Carvajal-Leoni

**Re-Reading the Territory: the Structure and Content of a Study Abroad Program in Urbino, Italy**

Mark A. Blizard

Excursus:

**Avant-Garde (Meta)Physics: Early 20th Century Science in the Art of Italian Futurism**

Elisa Valentini

**Impact of Gender and Ethnicity in the Evaluation of Candidates for Political Office**

Martina Santia

16:00-17:15

The State of Italian in the State of Texas

Moderator: Francesca Behr

**Ieri, Oggi e Domani, the Italian Curriculum in the 21st Century**

Daniele Forlino

**Italian in Texas: Present and Future Conditions**

Anthony Nussmeier

**Teaching Italian at UNT: Challenges, Difficulties and Suggestions for Teaching Italian in a Public University**

Silvio De Santis

### Skype Connection with Boston

#### **Challenges and Opportunities of Italian Immersion Programs**

Giovanni Abbadessa, Marialuisa Di Stefano, Gaia Giudicelli

17:00-17:15

Moderator: Mary Ann Webster

### Skype connection with Singapore

#### **The Future is Now: Explaining Artificial Intelligence for Natural Language Processing**

Enrico Santus

17:15-18:00

#### Round Table

Policies and Strategy, Research Funding, Cooperation between US Research Center and other Entities; Role of the Young Generation of Researchers Abroad.

**Participants:** Cons.CGIE. Arcobelli, President Comites-Houston Della Nebbia, Consul General Ciattaglia, Scientific Attache' from embassy, Parliamentary or member of the Italian government

18:00

#### Conclusion