

SENSE OF SCIENCE

PROGRAM

Udine, 9 – 10 September 2022

Auditorium “A. Comelli”
Palazzo della Regione Udine





UNDER THE AUSPICES OF



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ANMCO



SIC



Dear friends and colleagues,

it is a real pleasure and a distinct privilege to welcome all of you at the **“Sense of Science”** meeting, held in Udine on the 9th and 10th of September 2022.

This original format stemmed from an intuition of the Head of the Cardiothoracic Department, Prof. Ugolino Livi, and includes two complementary purposes: an insight into the next decade of future scientific research developments on one hand, and a focus on upcoming surgical and technological innovations in the field of cardiovascular diseases on the other. These topics will be addressed by a panel of renowned national and international speakers, aiming to obtain a largely participated attendance with fruitful exchange of ideas. This unique gathering of scientists, clinicians, surgeons, technical and commercial experts of various fields will provide the opportunity to reflect on the meaning and value of clinical research, lifting the veil on its and our future, and to understand the current status as well as the potential developments of future research in a continuously changing and fascinating field of application.

Besides the scientific aspect of the program, a not-to-be missed social event is planned at the end of the first day, which will be hosted by the renowned spirits producer Nonino family: it will be not only a networking opportunity but also a unique and exciting chance to discover and taste some of the typical products of our land.

We are looking forward to welcoming you in Udine for this meeting, knowing that its value will be enhanced if all participants could bring their own experience and share ideas in discussing each of the relevant topics.

Prof. Roberto Pinton

Friday, September 9th

A GLIMPSE TO THE FUTURE

14:00 *Registration of Participants*

14:30 *Welcome Address*

Chairmen: **R. PINTON, L. SECHI**



15:00 The research as strategic asset for social and economic development in Italy

M.C. CARROZZA

President of National Research Council

15:30 Immunology and inflammation. A metanarrative of modern medicine: promises and challenges

A. MANTOVANI

*Emeritus Professor, Humanitas University -
Scientific Director, IRCCS Humanitas
Clinical Institute*

16:00 The story of covid-19 pandemic: challenges and opportunities

S. BRUSAFERRO

President of Istituto Superiore di Sanità

16:30 *Coffee break*

17:00 State of health and global risks 2030: indications on health systems and policies

M. CECCHINI

Health Policy Analyst OECD

17:30 Digital health: future roadmaps between big data, machine learning and artificial intelligence

G. FORESTI

*Professor of Computer Sciences,
University of Udine*

18:00 **The beauty of complex systems:
from natural events to social behaviour.
Meeting the Nobel Prize 2021**

E. ALLEVA

Professor of Ethology, University of Rome

A.F. DE TONI

*Professor of Economics and Management
Engineering, University of Udine
Scientific Director of CUOA Business School*

G. PARISI

*Professor of Physics, University of Rome
Nobel Prize in Physics 2021*



Saturday, September 10th

WHAT AROUND THE CORNER

Chairmen: **M. IMAZIO, S. SPONGA**



- 9:00 From imaging innovations to robotic technologies
E. BRUSONI
Marketing Manager HOR, Siemens
- 9:20 Next-generation bio-therapeutics for targeted therapies
G. POMPILIO
Scientific Director of Monzino Hospital, President Scientific Committee of Observatory on Advanced Therapies
- M.L. NOLLI**
Coordinator Working Group Cell & Gene Federchimica AssoBiotec
- 10:00 Vision and leadership in the future health care evolution
M. CORBO
Senior Manager Value Access & Policies, Medtronic
- 10:30 **Coffee break**

Technological Development & Research

Chairmen: **U. LIVI, I. VENDRAMIN**



The Company Vision

- 10:45 Supporting the cardiac surgeon to treat patients better today and in the future

C. MAZZI
CEO Corcym

Developing the next generation tissue valve technology

A. de la FUENTE
Senior Director R&D Edwards Lifesciences

Digital support in critical care paths to pursue clinical excellence

F. RADAELLI
Director Product Management & Business, Getinge

Innovation: thinking ahead with Aortic Solutions

G. BORTOLOTTI
Marketing Director Europa Terumo

From product to patient through technologies, therapies, processes and organization

F. POLETTI
Vice President LivaNova



The Surgeon Vision

12:00 Perspectives on MCS:
towards the bionic heart

OH FRAZIER

*Chief of the Center for Cardiac Support,
and director of Cardiovascular
Surgery Research
at the Texas Heart Institute
Houston, USA*

“Quo vadis” thoughts & hopes of a pioneer
cardiac surgeon

Sir M.H. YACOUB

*Professor of Cardiothoracic Surgery at the
the National Heart and Lung Institute
Imperial College, London, UK
Director of Magdi Yacoub Heart Foundation
which created the Aswan Heart Centre*

13:00 Closing remarks

SCIENTIFIC DIRECTOR

Prof. Ugolino Livi, MD, FECS
Full Professor of Cardiac Surgery,
University of Udine
*Chairman of CardioThoracic Department
Chief of Cardiac Surgery Unit & Heart
Transplant Programme
University Hospital, Udine, Italy*

FACULTY

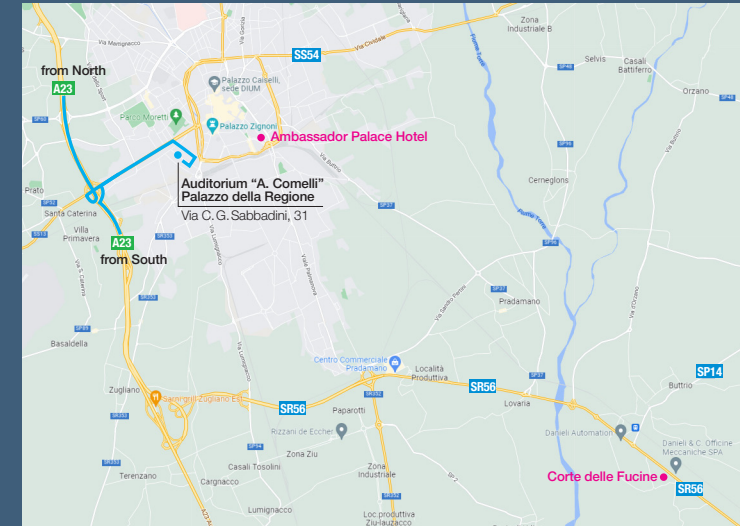
Enrico Alleva, *Roma - I*
Giulia Bortolotti, *Roma - I*
Silvio Brusaferro, *Roma - I*
Enrico Brusoni, *Milano - I*
Maria Chiara Carrozza, *Roma - I*
Michele Cecchini, *Paris - F*
Mara Corbo, *Milano - I*
Angela De La Fuente, *Irvine - USA*
Alberto Felice De Toni, *Udine - I*
Gian Luca Foresti, *Udine - I*
Oscar Howard Frazier, *Houston - USA*
Massimo Imazio, *Udine - I*
Ugolino Livi, *Udine - I*
Alberto Mantovani, *Milano - I*
Christian Mazzi, *Milano - I*
Maria Luisa Nalli, *Milano - I*
Giorgio Parisi, *Roma - I*
Roberto Pinton, *Udine - I*
Franco Poletti, *Milano - I*
Giulio Pompilio, *Milano - I*
Fabrizio Redaelli, *Milano - I*
Leonardo Sechi, *Udine - I*
Sandro Sponga, *Udine - I*
Igor Vendramin, *Udine - I*
Magdi H. Yacoub, *Londra - UK*

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Medical Instruments
Medtronic Italia
Promed
Siemens
Terumo Aortic
Veramed Medicali

HOW TO REACH THE CONGRESS VENUE



- from North: UDINE Nord exit

- continue on the SS13 ring road towards the south
- exit "Casa di Cura Città di Udine"
- continue on Viale Venezia
- turn right onto Via Volturno (direction to the Post Office)
- at the roundabout take the first exit
- continue on Via Valussi until the roundabout
- take the first exit (Via C. G. Sabbadini)

- from South: UDINE Sud exit

- continue on the SS13 ring road northwards
- exit "Casa di Cura Città di Udine"

ORGANIZING SECRETARIAT



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OFFICIAL LANGUAGE

The official languages are English and Italian

CONGRESS VENUE

Auditorium “A. Comelli” Palazzo della Regione

Via Cecilia Gradenigo Sabbadini, 31 - UDINE

STREAMING AVAILABLE

<https://www.cardiacsurgery.it/senseofscience>

HOTEL ACCOMMODATION

AMBASSADOR PALACE HOTEL

Via G. Carducci, 46 - Udine (2,4 Km from Congress Venue)

www.ambassadorpalacehotel.it

CORTE DELLE FUCINE

Via Nazionale, 54 - Buttrio (13,2 Km from Congress Venue)

www.lefucine.com