



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA



UNIVERSITÀ
DEGLI STUDI
DI UDINE

hic sunt futura



ASU FC
Azienda sanitaria
universitaria
Friuli Centrale



REGIONE AUTONOMA
FRIULI VENEZIA GIULIA

SENSE OF SCIENCE

PROGRAM

Udine, 9 – 10 September 2022

Auditorium “A. Comelli”
Palazzo della Regione Udine



Consiglio Nazionale delle Ricerche

UNDER THE AUSPICES OF



ASU FC
Azienda sanitaria
universitaria
Friuli Centrale



Consiglio Nazionale
delle Ricerche



COMUNE DI UDINE



CONFINDUSTRIA UDINE

WITH THE PATRONAGE OF



Sezione Regionale Friuli Venezia Giulia



Centro Nazionale Trapianti



COLLEGIO
DEI PROFESSORI UNIVERSITARI
DI CARDIOCHIRURGIA
Italian College of Cardiac Surgeons

DAME
dipartimento di area medica
UNIVERSITÀ
DEGLI STUDI
DI UDINE



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

Roberto Pinton

Friday, September 9th

A GLIMPSE TO THE FUTURE

14:00 *Registration of Participants*

14:30 *Welcome Address*

Vicepresident of FVG Region

Mayor of Udine

General Director of ASUFC

Rector of the University of Udine

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



R. PINTON, *Rector of the University of Udine*

L. SECHI, *Professor of Internal Medicine*

& Director of DAME, University of Udine

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

M.C. CARROZZA

President of Consiglio Nazionale delle Ricerche



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 Managerial 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**



M. IMAZIO, *Director of Cardiology
Department ASUFC*

S. SPONGA, *Associate Professor
of Cardiac Surgery, University of Udine*

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**



U. LIVI, *Professor of Cardiac Surgery University of Udine & Director of Cardiothoracic Department ASUFC*

I. VENDRAMIN, *Senior Surgeon Cardiothoracic Department ASUFC*

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. REDAELLI
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
Co-Director, Center for Preclinical Surgical & Interventional Research Texas Heart Institute, Houston, USA

“Quo vadis” thoughts & hopes of a pioneer cardiac surgeon
Sir M.H. YACOUB OM FRS
*Emeritus Professor of Cardiothoracic Surgery Imperial College, London, UK
 Director of the Magdi Yacoub Heart Foundation, EGY*

13:00 Closing remarks
U. LIVI



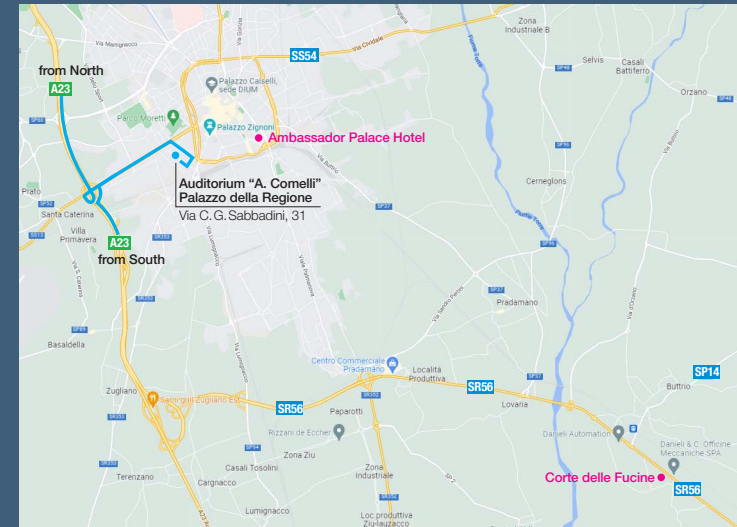
SCIENTIFIC DIRECTOR

Prof. Ugolino Livi, MD, FECTS
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 Brusaferrò, *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 Nolli, *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*

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"



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- LivaNova
- Medical Instruments
- Medtronic Italia
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- Terumo Aortic
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ORGANIZING SECRETARIAT



md studio congressi snc
Via Giosuè Carducci, 22 – 34125 TRIESTE
T +39 040 9712360 - info@mdstudiocongressi.com
www.mdstudiocongressi.com

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, 48 - Buttrio (13,2 Km from Congress Venue)
www.lefucine.com

