



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



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 9<sup>th</sup> and 10<sup>th</sup> 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 9<sup>th</sup>

## 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 10<sup>th</sup>**

**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**



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## SCIENTIFIC DIRECTOR

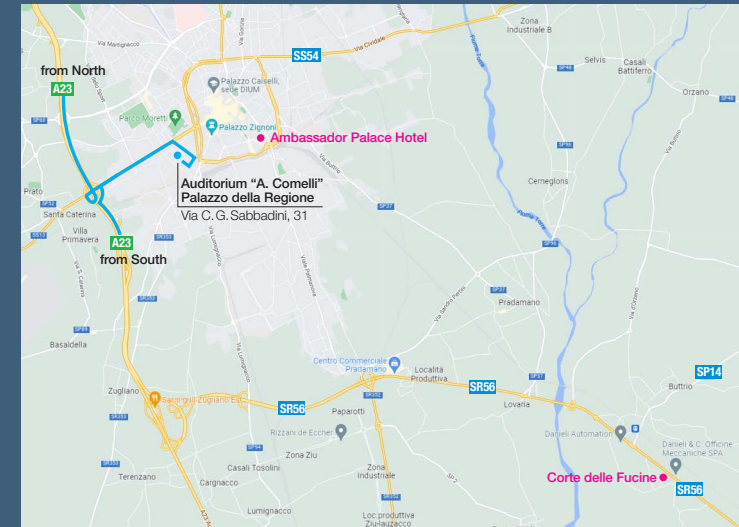
Prof. Ugolino Livi, MD, FECS  
Full Professor of Cardiac Surgery,  
University of Udine  
Chairman of CardioThoracic Department  
Chief of Cardiac Surgery Unit & Heart  
Transplant Programme  
University Hospital, Udine, Italy

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## 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"

## ACKNOWLEDGEMENTS

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*Thanks to the unconditional support of:*

Aptiva Medical

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Edwards Lifesciences Italia

Getinge Italia

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Levi BioTech

LivaNova

Medical Instruments

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Promed

Siemens

Terumo Aortic

Veramed Medicali

## ORGANIZING SECRETARIAT

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**www.mdstudiocongressi.com**

## OFFICIAL LANGUAGE

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The official languages are English and Italian

## CONGRESS VENUE

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Auditorium “A. Comelli” Palazzo della Regione

*Via Cecilia Gradenigo Sabbadini, 31 - UDINE*

## STREAMING AVAILABLE

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

## HOTEL ACCOMMODATION

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**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**



