



San Luigi Gonzaga Hospital, Orbassano, Turin, Italy

Candiolo Cancer Institute - IRCCS, Candiolo, Turin, Italy

Department of Oncology - University of Turin, Orbassano, Turin, Italy



Chairmen of the Meeting:

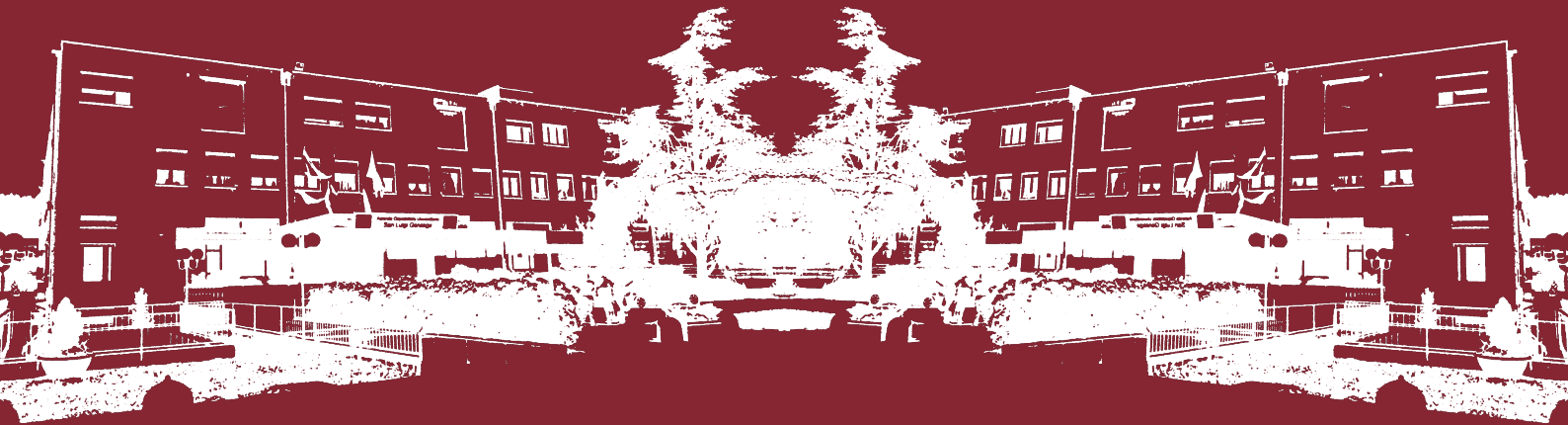
Francesco Porpiglia - *Department of Urology, San Luigi Gonzaga Hospital, School of Medicine University of Turin, Orbassano, Italy*



13th INTERNATIONAL TECHNO-UROLOGY MEETING (TUM)

30th - 31st January 2025

Aula Convegni S. Luigi Gonzaga Hospital
Orbassano, Turin, Italy



INTRODUCTION

Dear Friends,

We are pleased to invite you to the 13th edition of the TECHNO-UROLOGY MEETING, scheduled for January 30th-31st, 2025, at the San Luigi Gonzaga University Hospital in Orbassano, Turin.

Over the years, our efforts have been focused on advancing laparoscopic and robotic urologic surgery through the integration of new technologies and surgical expertise.

This year, we are introducing several key developments aimed at further personalizing surgical approaches, making procedures less invasive and more adaptable.

A significant addition in this regard is the use of the Da Vinci single-port robotic system during live surgery, an important step toward refining surgery to be even more "tailored" to the specific needs of each patient.

We remain committed to improving both the preoperative and intraoperative experience for surgeons.

In this context, we have continued to refine virtual platforms that facilitate communication and collaboration among surgeons, regardless of their physical location.

Since 2022 we embarked in developing the Uro-Verse, a digital environment dedicated to urology.

In this virtual space, surgeons can discuss together complex clinical cases, leveraging highly detailed 3D virtual models that now replicate not only anatomical structures but also the physical textures of organs, providing a more comprehensive preoperative planning experience.

For this edition of the congress, we have enhanced the fidelity of our "digital twin" organ models, bringing them closer to their real-world counterparts and offering greater accuracy in surgical simulations and planning.

In addition to these advancements, we are introducing a huge innovation to further improve pre-surgical planning.

This includes the integration of an AI-powered digital avatar, which uses machine learning algorithms to analyze individual clinical cases and provide tailored recommendations for the intraoperative strategy to be followed for each specific case, while also predicting potential outcomes.

This represents a new milestone in combining artificial intelligence with surgical decision-making.

All these considered, we believe that the 13th edition of TUM will offer valuable insights into the latest surgical technologies and innovations. With the participation of top-level surgeons from all around the world, we look forward to provide a great experience for all attendees.

We hope to see you in Turin for this upcoming edition of TUM, and we trust that the program will meet your expectations.

Sincerely,

Francesco Porpiglia



A handwritten signature in black ink, appearing to read 'F. Porpiglia'.

Francesco Porpiglia



DIVISION OF UROLOGY - DEPARTMENT OF ONCOLOGY UNIVERSITY OF TURIN

The Department of Oncology at University of Turin, is composed by professionals, from preclinical to translational research and clinic assistance for oncological diseases. It is sited in San Luigi Hospital and IRCC Candiolo Institute.

The Urology team, that takes part into the Department of Oncology, manages all uro-oncological and all others genito-urinary diseases. The most recent and modern technologies are available for diagnosis and treatment of such of them.

Robotic and laparoscopic surgery have been developed in the last years, being San Luigi Hospital's Urology Division a pioneer Centre for many techniques, especially in the setting of translational surgery.

Together with the clinical activity, also the teaching activity has a primary role, being our Department the Center for the Urology Residency Program.

Our Staff is continuously involved and invited to attend the most prestigious International and National Meetings.

Our intensive scientific and research activity is widely recognized as demonstrated by the publications in the most famous international peer-reviewed journals.



CONGRESS VENUE

Aula Convegni S. Luigi Gonzaga Hospital



HONORARY CONGRESS PRESIDENT



Dario Fontana
Professor of Urology
Turin, Italy



Roberto Mario Scarpa
Professor of Urology
Campus Biomedico
University Hospital
Rome, Italy



INVITED SURGEONS



Alessandro Antonelli
Chairman, Urology Department,
Azienda Ospedaliera Universitaria
Integrata, University of Verona,
Verona, Italy"



Riccardo Autorino
Professor of Urology
Director of Surgical Innovation
Rush University Medical Center
Chicago, IL, USA



Ketan Badani
Professor of Urology
Icahn School of Medicine
Mount Sinai, New York, Usa



Renaud Bollens
Groupe Hospitalier de l'Institut
Catholique de Lille, France
Centre Hospitalier de Wallonie
Picarde Tournai, Belgium



Alberto Breda
Chief of the Uro-Oncology Division
and Director of the Kidney Transplant
Unit Fundació Puigvert
Barcelona, Spain




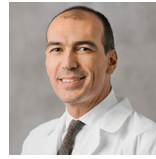
Nicolò Maria Buffi
Department of Urology,
Humanitas Research Hospital,
Rozzano, Milan, Italy



INVITED SURGEONS




Benjamin Challacombe
Consultant Urologist
Guy's and St Thomas' Hospitals
NHS Foundation Trust
London, UK 




Simone Crivellaro
Assistant Professor in Minimally Invasive
Urology, Director of Urology Robotic
Training, University of Illinois,
Chicago, USA 



Prokar Dasgupta
Professor and Chair of Urology
at King's College London Guy's
Hospital, King's Health Partners
London, UK 



Pieter De Backer
Surgical Artificial Intelligence Lead
Orsi Academy, Gent, Belgium 



Ruben De Groot
Assistant professor of Urology
at KU Leuven, Belgium 



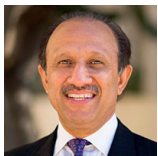
Mihir Desai
Department of Urology
USC Institute of Urology
Los Angeles, USA 




Antonio Galfano
Department of Urology
Niguarda Hospital
Milan, Italy 



Ahmed Ghazi
Brady Urological Institute
Johns Hopkins University
Baltimore, USA 




Inderbir Gill
Chair and Distinguished Professor of
Urology, Shirley and Donald Skinner
Chair in Urologic Cancer Surgery,
Executive Director, USC Institute of
Urology, Los Angeles 



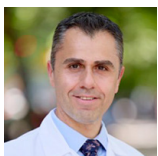
Nina Harke
Head of Robotic Urology / Assistant
Professor Hannover Medical School
Hannover, Niedersachsen
Germany 



Jihad H. Kaouk
Director, Center for Robotic and
Image Guided Surgery Cleveland
Clinic, Cleveland, USA 



Evangelos Liatsikos
Professor of Urology and Head of
the Endourology and Laparoscopic
Unit at the University of Patras
Patras, Greece 




Reza Mehrazin
Associate Professor of Urology
Icahn School of Medicine
Mount Sinai, New York, USA 



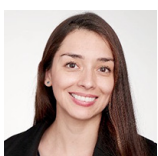
Andrea Minervini
Chairman and Professor
Department of Urology
Careggi University Hospital
Florence, Italy 




Alex Mottrie
Head of the Urology Department
of the OLV Hospital in Aalst and
CEO of Orsi Academy, Belgium 



Vipul Patel
Medical Director, Urologic Oncology
Program Advent Health, Medical
Director, Global Robotics Institute
Professor of Urology University of
Central, Florida, USA 



Adriana Pedraza
Department of Urology
Cleveland Clinic, Cleveland, USA 



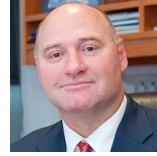
Veronique Phè
Professor of Urology at Sorbonne
University, Paris, France 

INVITED SURGEONS



Francesco Porpiglia

Professor and Chairman Department of Urology S. Luigi Hospital, Orbassano University of Turin Turin, Italy



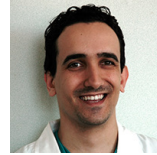
James Porter

Director, Robotic Surgery Swedish Medical Center Seattle, Washington, USA



Bernardo Rocco

Department of Urology ASST Santi Paolo e Carlo Milan, Italy



Giuseppe Simone

Chairman Department of Urology IFO - Regina Elena National Cancer Institute Rome, Italy



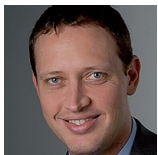
Carlo Terrone

Chief Department of Urology San Martino Hospital Genova, Italy



Ashutosh Tewari

Professor of Urology The Mount Sinai Hospital New York, USA



Alessandro Volpe

Urology Unit, University of Piemonte Orientale Novara, Italy



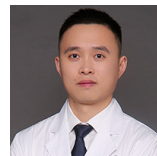
Linhui Wang

Professor of Urology Shanghai Changzheng Hospital China



Peter Wiklund

Professor of Urology, Department of Urology, Icahn School of Medicine at Mount Sinai, Director of the Bladder Cancer Program, Mount Sinai Health System, New York, USA



Zhenjie Wu

Associate Professor of Urology Shanghai Changhai Hospital China



Bo Yang

Director Kidney cancer program Department of Urology Changhai Hospital Shanghai, China



Xu Zhang

Chief of Urology Department Chinese PLA General Hospital 301 Beijing, China



INVITED SPEAKERS & MODERATORS

Simone Albisinni

UOSD Urology
Department of Surgical Sciences
University of Rome Tor Vergata
Rome, Italy 

Riccardo Bertolo

Urology Department,
Azienda Ospedaliera Universitaria
Integrata, University of Verona,
Verona, Italy 

Mahendra Bhandari

Senior Bio-scientist and Director of
Robotic Surgery Research & Education
at the Vattikuti Urology Institute
(VUI), Detroit, USA 

Cosimo De Nunzio

Department of Urology
Sant'Andrea Hospital
Rome, Italy 


Lorenzo Bianchi

Department of Urology at
Sant'Orsola Malpighi Hospital
University of Bologna, Italy 

Riccardo Campi

Department of Urology
Careggi University Hospital
Florence, Italy 


Giuseppe Carrieri

Department of Urology
Ospedali Riuniti, University
Medical School, Foggia, Italy 

Antonio Celia

Head of Department of Urology
San Bassiano Hospital
Bassano del Grappa (VI), Italy 


Fabrizio Dal Moro

Department of Urology
University of Padova, Italy 


Elisa De Lorenzis

Department of Urology,
Foundation IRCCS Cà Granda
Ospedale Maggiore Policlinico,
Milan, Italy 


Marco De Sio

Department of Urology
University of Naples, Italy 

Francesco Del Giudice

Department of Maternal-Infant
and Urologic Sciences Sapienza
University of Rome, Policlinico Umberto
I Hospital, Rome, Italy 


Paolo Dell'Oglio

Department of Urology
University of Naples, Italy 


Michele Di Dio

Department of Urology
SS. Annunziata Hospital
Cosenza, Italy 

Francesco Esperto

Campus Biomedico
University Hospital
Rome, Italy 

Umberto Falagarò

Department of Urology
Policlinico Riuniti, Foggia, Italy 

INVITED SPEAKERS & MODERATORS

Vincenzo Ficarra

Department of Urology
University of Messina
Messina, Italy



Andrea Gallioli

Department of Urology,
Puigvert Foundation,
Barcelona, Spain



Giorgio Gandaglia

Department of Urology
I.R.C.C.S. san Raffaele Hospital
Milan, Italy



Alessandro Larcher

Department of Urology
San Raffaele Turro Hospital
Milan, Italy



Michele Marchioni

Department of Urology
University G. D'Annunzio
Chieti Pescara, Italy



Andrea Mari

Department of Urology
AOU Careggi Hospital
Florence, Italy



Salvatore Micali

Professor of Urology
University of Modena and
Reggio Emilia, Italy



Carme Mir

Imed Valencia, Spain



Marco Moschini

Department of Urology
San Raffaele Hospital
Milan, Italy



Carlotta Palumbo

Research Fellow in Urology at
Università del Piemonte Orientale
Urologist at Maggiore della Carità
Hospital, Novara, Italy



Savio Domenico Pandolfo

University of Naples "Federico II"
Naples, Italy



Vito Pansadoro

Laparoscopy Center
Vincenzo Pansadoro Foundation
Rome, Italy



Sisto Perdonà

Department of Oncologic Urologic
Surgery At The I.R.C.C.S.
"Fondazione G. Pascale"
Naples, Italy



Stefano Puliatti

Department of Urology
University of Modena and Reggio Emilia
Reggio Emilia, Italy



Abhay Rane

Clinical Lead For Urology Surrey
And Sussex Nhs Trust
Redhill, UK



Bernardo Rocco

Department of Urology
ASST Santi Paolo e Carlo
Milan, Italy



INVITED SPEAKERS & MODERATORS

Giorgio Ivan Russo

Urology Clinic
University of Catania, Italy



Riccardo Schiavina

Department of Urology at
Sant'Orsola Malpighi Hospital
University of Bologna, Italy



Luigi Schips

Department of Urology
Vasto and Lanciano Hospital
Chieti, Italy



Alessandro Sciarra

Professor of Urology
Sapienza University of Rome
Policlinico Umberto I Hospital
Rome, Italy



Silvia Secco

Department of Urology
Hospital Niguarda
Milan, Italy



Nazareno R. Suardi

Associate Professor of Urology,
University of Brescia, Italy




























Michele Talso

Department of Urology
Sacco Hospital, Milan, Italy





























PROGRAM

• January 30th 2025 •

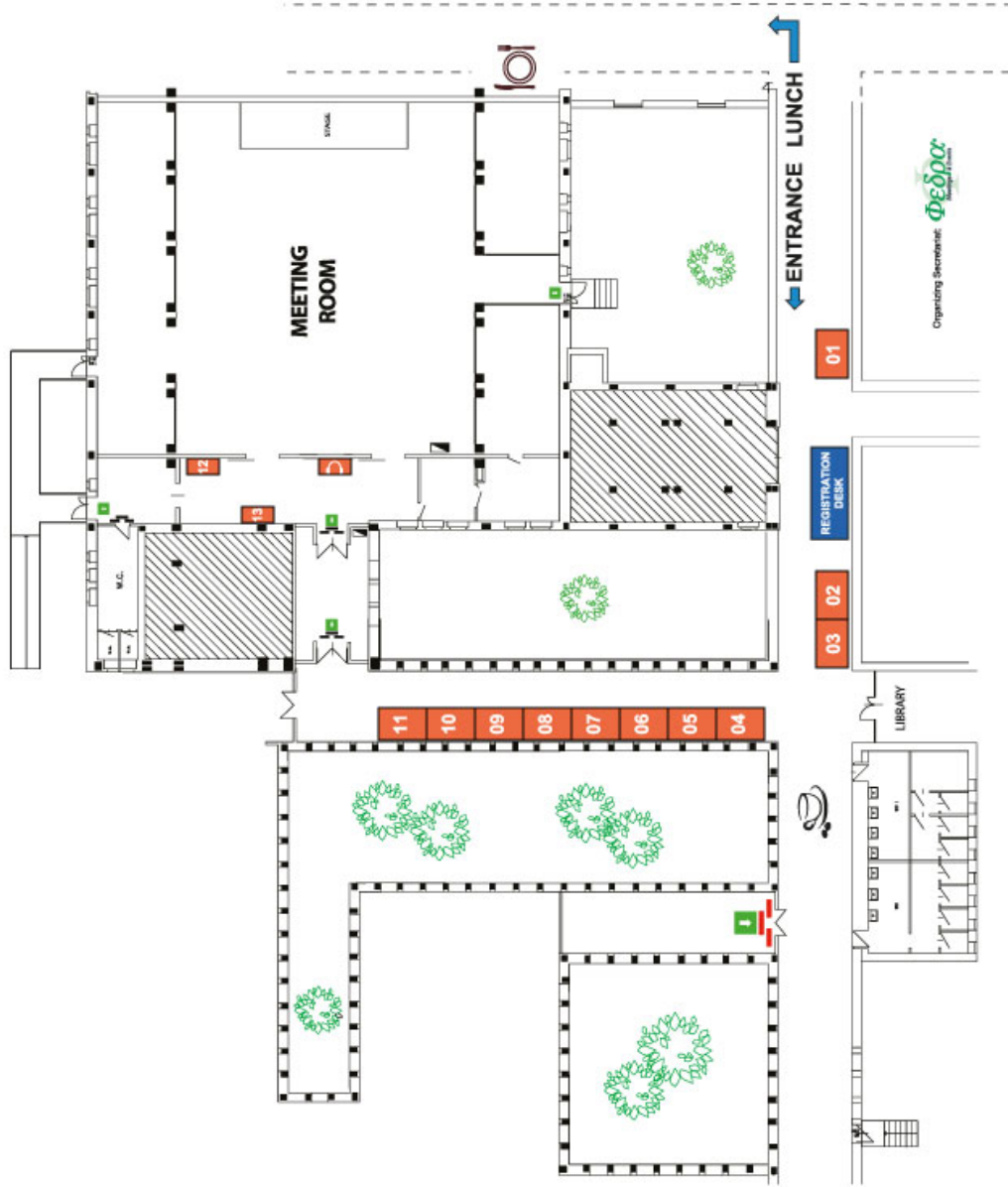
8.00 - 8.30	Welcome and Opening	
	SCREEN #1	SCREEN #2
Moderators		
8.30 - 10.00	AI-driven Surgical Planning and Nerve-Sparing RAPN Alessandro Antonelli  	AI-driven Surgical Planning and <u>Single Port</u> RARP Mihir Desai  
Moderators		
10.00 - 11.30	AI-driven Surgical Planning and Multiport RAPN Andrea Minervini  	AI-driven Surgical Planning and complex Multiport RAPN Ruben De Groot  
Moderators		
11.30 - 13.00	AI-driven Surgical Planning and Multiport RAPN Alberto Breda  	AI-driven Surgical Planning and <u>Single Port</u> RARP Peter Wiklund  
13.00 - 13.45	Lunch	
13.45 - 14.30	Surgical AI: Mihir Desai  AI tissues identification during RAPN Pieter De Backer (Semi live)  How Telesurgery works? Zhenjie Wu (Semi live) 	Robotic surgery with DaVinci V Vipul Patel 
Moderators		
14.30 - 15.30	AI-driven Surgical Planning and Multiport RAPN Francesco Porpiglia  	AI-driven Surgical Planning and Lap. PN Renaud Bollens  
Moderators		
15:30 - 17:00	AI-driven Surgical Planning and Multiport RAPN Alessandro Volpe  	AI-driven Surgical Planning and Multiport RAPN Reza Mehrazin  
Moderators		
17:00 - 18:30	AI-driven Surgical Planning and Multiport RARP with Hydro-dissection Ashutosh Tewari  	AI-driven Surgical Planning and Multiport RAPN Zhenjie Wu  

PROGRAM

• January 31st 2025 •

	SCREEN #1	SCREEN #2
Moderators		
8.30 - 10.00	AI-driven Surgical Planning and Multiport RAPN Nicolò Maria Buffi  	AI-driven Surgical Planning and <u>Single Port</u> Retroperitoneal RAPN Simone Crivellaro  
Moderators	Simone Albisinni	
10.00 - 11.30	Robotic Thrombectomy during RARN Linhui Wang  	AI-driven Surgical Planning and Multiport Retroperineal RAPN James Porter  
Moderators		
11:30 - 13:00	AI-driven Surgical Planning and Multiport RS Antonio Galfano  	AI-driven Surgical Planning and <u>Single Port</u> RARP Benjamin Challacombe  
13.00 - 13.45	Lunch	
13.45 - 14.30	AI-driven Surgical Planning and <u>Single Port</u> RAPN Francesco Porpiglia  	Hugo-Ras technology for transperitoneal RAPN Rocco Papalia  
Moderators	Simone Albisinni	
14.30 - 15.30	TBD 1 Hour	AI-driven Surgical Planning and Multiport Robotic Sacrocolpopexy Veronique Phè  
Moderators		
15:30 - 17:00	AI-driven Surgical Planning and Multiport RARP Bernardo Rocco  	AI-driven Surgical Planning and Multiport RAPN Ahmed Ghazi  
Moderators		
17:00 - 18:30	AI-driven Surgical Planning and Multiport RAPN Antonio Autorino  	AI-driven Surgical Planning and Multiport RARP Giuseppe Simone  

EXHIBITION FLOOR PLAN



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 Area espositiva
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- 12 -
- 13 -

CONGRESS VENUE

Aula Convegni - S. Luigi Gonzaga Hospital
Regione Gonzole, 10
10043 - Orbassano, Turin, Italy



MEETING PLANNER



FEDRA Congressi

Provider ECM n° 3376
Viale dei SS. Pietro e Paolo, 21
00144 Rome, Italy
Ph. +39 06 52247328
info@fedracongressi.com
www.fedracongressi.com

OFFICIAL LANGUAGE

The official language of the Congress is English.

REGISTRATION FEE

Delegates:

Until October 15th 2024:	€. 400,00
Between October 15th 2024 and December 15th 2024:	€. 500,00
After December 15th 2024:	€. 600,00
On site registration:	€. 700,00

Trainee/Residents:

Until October 15th 2024:	€. 150,00
Between October 15th 2024 and December 15th 2024:	€. 200,00
After December 15th 2024:	€. 300,00
On site registration:	€. 400,00

The registration fee includes scientific program, lunches, and coffee breaks during the event.

ITALIAN ECM ACCREDITATION

Accreditation pending.

The Congress will be accredited for the following specialties:

- Oncology
- Radiotherapy
- Urology
- Pathological anatomy
- Radiodiagnostics

In order to receive Italian credits participants must attend 90% of the event and pass the final test.

WEBSITE

Visit our website at:

www.technoneurologymeeting.com



FEDRA Congressi

Viale dei SS. Pietro e Paolo, 21
00144 Rome, Italy
Ph. +39 06 52247328
info@fedracongressi.com
www.fedracongressi.com
www.technourologymeeting.com