



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)
THE ADVENT OF AI FOR THE SURGICAL DECISION SUPPORT
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 implemented the use of our "digital twin" organ models for the intraoperative assistance in an augmented reality setting, enhancing their usefulness in surgical navigation.

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,



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



Ravi Barod
Consultant Urological Surgeon and
Clinical Lead at The Specialist
Centre for Kidney Cancer at The
Royal Free Hospital



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



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



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



INVITED SURGEONS



Fabrizio Dal Moro
Department of Urology
University of Padova, Italy



Ruben De Groot
Consultant urologist Uro-oncology
and robotics AZORG Hospital
Aalst, Belgium



Antonio Galfano
Department of Urology
Niguarda Hospital
Milan, Italy



Ahmed Ghazi
Brady Urological Institute
Johns Hopkins University
Baltimore, USA



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



Carme Mir
Imed Valencia, Spain



Rocco Papalia
Professor of Urology
Campus Bio-medico University
Rome, Italy



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



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



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



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



Rajesh Nair
St. George's Hospital
Guy's Hospital, London, UK



INVITED SURGEONS



Bernardo Rocco
Professor of Urology
Policlinico Universitario
Agostino Gemelli IRCCS
Rome, Italy



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



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 

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 

Pieter De Backer

Surgical Artificial Intelligence Lead
Orsi Academy
Gent, Belgium 

Elisa De Lorenzis

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

Cosimo De Nunzio

Department of Urology
Sant'Andrea Hospital
Rome, 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
Niguarda Hospital, Milan, Italy 

Michele Di Dio

Department of Urology
SS. Annunziata Hospital
Cosenza, Italy 

Ettore Di Trapani

University of Messina, Italy 

Francesco Esperto

Campus Biomedico
University Hospital
Rome, Italy 

Ugo Falagario

Department of Urology
Policlinico Riuniti, Foggia, Italy 

INVITED SPEAKERS & MODERATORS

Matteo Ferro

University of Milan, Italy



Cristian Fiori

Department of Urology
San Luigi Gonzaga Hospital
School of Medicine, University of Turin
Orbassano, Italy



Andrea Gallioli

Fundació Puigvert
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



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



Nicola Pavan

Department of Urology
Giaccone Hospital
Palermo, Italy



Giovannalberto Pini

Department of Urology
IRCCS Ospedale San Raffaele Turro
Milan



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



Giorgio Ivan Russo

Urology Clinic
University of Catania, Italy



Roberto Mario Scarpa

Campus Biomedico
University Hospital
Rome, Italy



INVITED SPEAKERS & MODERATORS

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



Francesco Soria

A.O. City of Health And Science
of Turin, Italy



Nazareno R. Suardi

Associate Professor of Urology,
University of Brescia, Italy



Michele Talso

Department of Urology
Sacco Hospital, Milan, Italy



Carlo Terrone

Chief Department of Urology
San Martino Hospital
Genova, Italy



PROGRAM

• January 30th 2025 •

8.00 - 8.30	Welcome and Opening	
	SCREEN #1	SCREEN #2
Moderators	Andrea Mari - Carlo Terrone	Ugo Falagario - Alessandro Sciarra
8.30 - 10.00	AI-driven Surgical Planning and Multiport RAPN Alessandro Antonelli  	AI-driven Surgical Planning and Single Port RARP Peter Wiklund  
Moderators	Carme Mir - Francesco Soria	Lorenzo Bianchi - Vito Pansadoro
10.00 - 11.30	AI-driven Surgical Planning and Multiport RARP Bernardo Rocco  	AI-driven Surgical Planning and Multiport RARP with Hydro-dissection Ashutosh Tewari  
Moderators	Simone Albisinni - Riccardo Schiavina	Francesco Del Giudice - Abhay Rane
11.30 - 13.00	AI-driven Surgical Planning and Multiport RAPN Andrea Minervini  	AI-driven Surgical Planning and Single Port RAPN Francesco Porpiglia  
13.00 - 13.45	Lunch	
Moderators	Giovannalberto Pini - Roberto M. Scarpa	Riccardo Bertolo - Bernardo Rocco
13.45 - 14.30	Intracorporeal Robotic Ileal Conduit Rajesh Nair 	Robotic surgery with DaVinci V Vipul Patel 
Moderators	Riccardo Autorino - Elisa De Lorenzis	Pieter De Backer - Stefano Puliatti
14.30 - 15.30	Laparoscopic Pudendal Nerve Release Renaud Bollens  	AI-driven Surgical Planning and complex Multiport RAPN Ruben De Groot  
Moderators	Cosimo De Nunzio - Andrea Gallioli	Mahendra Bhandari - Pieter De Backer
15:30 - 17:00	AI-driven Surgical Planning and Multiport RAPN Alessandro Volpe  	AI-driven Surgical Planning and Single Port RAPN Reza Mehrazin  
Moderators	Antonio Celia - Michele Talso	Riccardo Campi - Nicola Pavan
17:00 - 18:30	Laparoscopic Vesicovaginal Fistula repair Renaud Bollens  	AI-driven Surgical Planning and Multiport RAPN Zhenjie Wu  

PROGRAM

• January 31st 2025 •

	SCREEN #1	SCREEN #2
Moderators	Francesco Esperto - Luigi Schips	Riccardo Bertolo - Nazareno Suardi
8.30 - 10.00	AI-driven Surgical Planning and Multiport RAPN Nicolò Maria Buffi  	AI-driven Surgical Planning and Multiport Retroperitoneal RAPN James Porter  
Moderators	Ettore Di Trapani - Alessandro Larcher	Mahendra Bhandari - Paolo Dell'Oglio
10.00 - 11.30	Robotic Thrombectomy during RARN Linhui Wang 	AI-driven Surgical Planning and Single Port Retroperitoneal RAPN Simone Crivellaro  
Moderators	Giuseppe Carrieri - Giorgio Gandaglia	Simone Albisinni - Carlo Terrone
11:30 - 13:00	AI-driven Surgical Planning and Multiport RS-RARP Antonio Galfano  	AI-driven Surgical Planning and Multiport RARP + AI - AR confocal microscopy selective biopsy Francesco Porpiglia  
13.00 - 13.45	Lunch	
Moderators	Savio Pandolfo - Matteo Ferro	Michele Marchioni - Vito Pansadoro
13.45 - 14.30	Single Port RAPN Sisto Perdonà 	Hugo-Ras transperitoneal RAPN Rocco Papalia 
Moderators	Riccardo Campi - Luigi Schips	Antonio Galfano - Giorgio Ivan Russo
14.30 - 15.30	AI-driven SURGICAL PLANNING and Multiport RAPN Ravi Barod  	AI-driven Surgical Planning and Single Port RARP Ahmed Ghazi  
Moderators	Carlotta Palumbo - Cristian Fiori	Stefano Puliatti - Abhay Rane
15:30 - 17:00	AI-driven Surgical Planning and Multiport RARP Fabrizio Dal Moro  	AI-driven Surgical Planning and Multiport robotic sacrocolpopexy Veronique Phè  
Moderators	Michele Di Dio - Savio Domenico Pandolfo	Simone Crivellaro - Paolo Dell'Oglio
17:00 - 18:30	AI-driven Surgical Planning and Multiport RAPN Riccardo Autorino  	AI-driven Surgical Planning and Single Port RARP Giuseppe Simone  
18:30 - 19:00	Lecture: LUTS and chronic prostatitis in BPH: an update - Michele Di Dio	

SCIENTIFIC SECRETARIAT

Daniele Amparore

Department of Urology, San Luigi Gonzaga Hospital, School of Medicine, University of Turin, Orbassano, Italy

Riccardo Autorino

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

Alberto Breda

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

Enrico Checcucci

Department of Urology Istituto di Candiolo IRCCS, Turin, Italy

Michele Di Dio

Department of Urology, SS. Annunziata Hospital, Cosenza, Italy

Cristian Fiori

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Alex Mottrie

Department of Urology Orsi Accademy and O.L.V. Clinic, Aalst, Belgium

Francesco Porpiglia

Professor and Chairman Department of Urology, San Luigi Gonzaga Hospital, School of Medicine, University of Turin, Orbassano, Italy

ORGANIZING COMMITTEE FOR LIVE SURGERY

Staff of the hosting Department of Urology San Luigi Gonzaga Hospital, School of Medicine, University of Turin, Orbassano, Italy

Paolo Alessio

Daniele Amparore

Giovanni Cattaneo

Enrico Checcucci

Marco Cossu

Sabrina De Cillis

Stefano De Luca

Michele Di Dio

Cristian Fiori

Matteo Manfredi

Alberto Piana

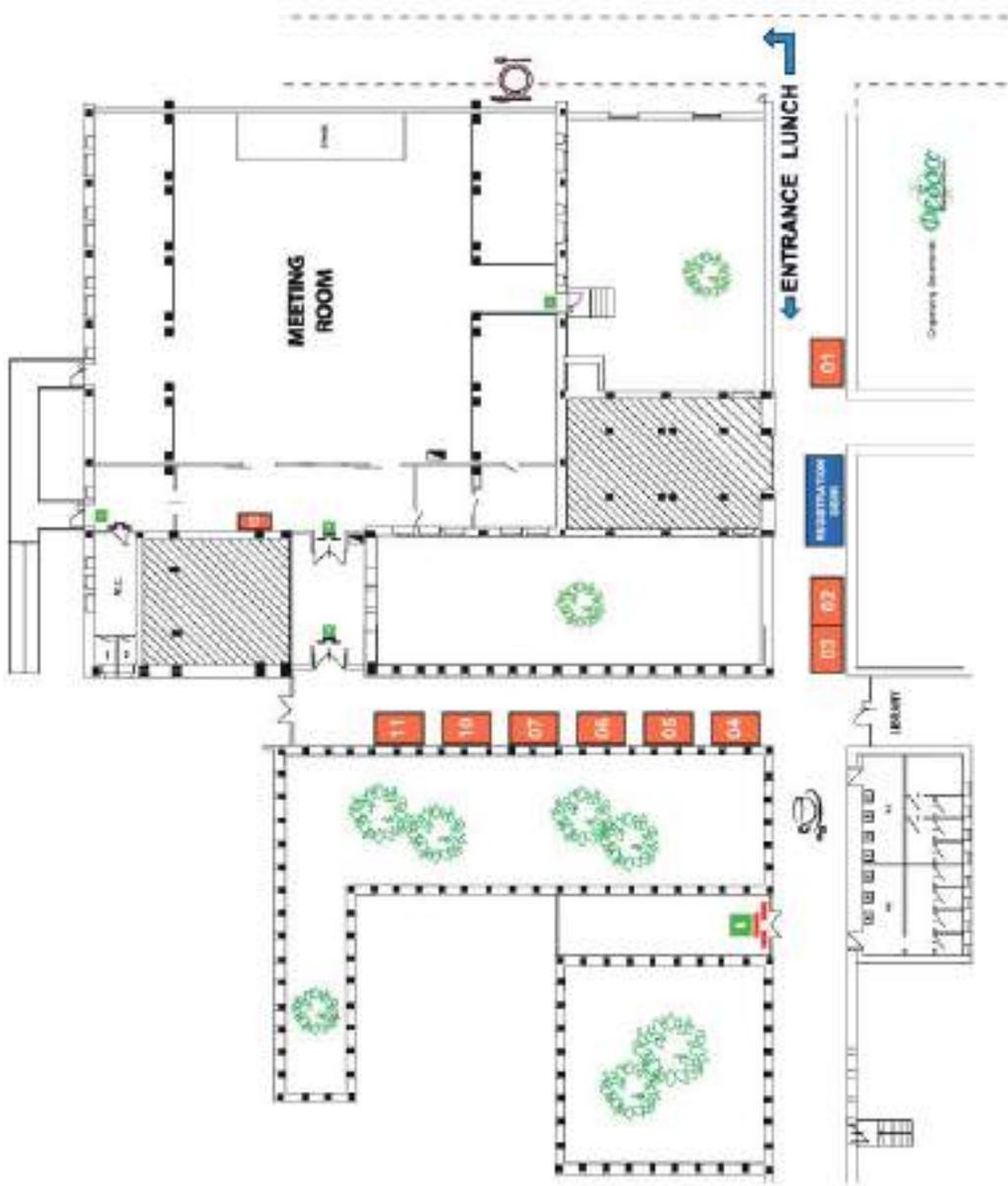
Federico Piramide

Massimiliano Poggio

Francesca Ragni

Gabriele Volpi

EXHIBITION FLOOR PLAN



- 01 -  LEZIONE MINORVA MEDICA
- 02 -  LANGUINAM
- 03 -  bk
- 04 -  diamedica
- 05 -  multimed
- 06 -  Teleflex
- 07 -  ENDOTECHNICA
- 10 -  MEDICA
- 11 -  IPSEN
- 13 -  LIPTEK

 Area espositiva mt 3.00x2.00

 Area espositiva mt 2.00x1.00

CONGRESS VENUE

Aula Convegni - S. Luigi Gonzaga Hospital
Regione Gonzole, 10
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MEETING PLANNER



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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

The 13th INTERNATIONAL TECHNO-UROLOGY MEETING has been accredited by the Italian Ministry of Health.

The Italian Ministry of Health assigned n. 18 ECM Credits (2-Linee guida-protocolli-procedure).

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.technourologymeeting.com



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