



*30 Years of IEO  
Our first 30 years of research, cure and innovation  
in the fight against cancer*

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# Proton Therapy means networking

SCIENTIFIC DIRECTOR  
Roberto Orecchia



# Faculty

## Scientific Director

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Scientific Director  
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## Scientific Coordinators

Daniela Alterio  
Division of Radiotherapy, IRCCS IEO  
Milan, Italy

Barbara Alicja Jereczek-Fossa  
Division of Radiotherapy, IRCCS IEO  
Milan, and University of Milan, Italy

## Invited speakers

Cynthia Aristei  
Radiation Oncology, University of  
Perugia, Italy

Santa Bambace  
Monsignore Dimiccoli Hospital, Barletta,  
Bari-Bifonto, Italy

Jacques Bernier  
Swiss Medical Network, Genolier,  
Switzerland

Ruggero De Maria  
Institute of General Pathology Catholic  
University, Rome, Italy

Marco Durante  
Department of Biophysics, GSI Helmholtz  
Zentrum für Schwerionenforschung  
GmbH, Darmstadt, Germany, and Federico  
II University, Naples, Italy

Domenico Genovesi  
Radiation Oncology Department of  
Neurosciences, Imaging and Clinical  
Sciences, University "Gabriele  
d'Annunzio", Chieti-Pescara, Italy

Karin Haustermans  
Laboratory of Experimental Radiotherapy,  
Leuven Cancer Center, and Katholieke  
Universiteit, Leuven, Belgium

Marco Krenkli  
U.O.C. Radiotherapy,  
IRCCS Veneto Oncology Institute, Padova,  
Italy

Frank Lohr  
Proton Therapy center,  
APPS Trento, Italy

Maurizio Mascarin  
Radiation Oncology Unit,  
CRO Aviano, Italy

Gian Carlo Mattiucci  
Oncological Radiation Therapy Unit,  
Università Cattolica del Sacro Cuore,  
Rome, Italy

Alejandro Mazal  
Medical Physics, Centro de Protonterapia  
Quirónsalud, Madrid, Spain

Paolo Muto  
U.O.C. of Radiation Oncology,  
National Cancer Institute Fondazione  
Senatore Giovanni Pascale, Naples, Italy

Ester Orlandi  
Clinical Department, CNAO, Pavia  
University of Pavia, Italy

Stefano Pergolizzi  
Specialization School in Radiotherapy,  
University of Messina, Italy

Arnold Pompos  
Medical Physics and Strategic Initiatives  
and Capital Investments, Department of  
Radiation Oncology, University of Texas  
Southwestern Medical Center, Dallas, TX,  
USA

Umberto Ricardi  
Department of Oncology,  
University of Turin, Italy

Marta Scorsetti  
Division of Radiotherapy and  
Radiosurgery, Humanitas Research  
Hospital, Milan Italy  
Humanitas University, Milan

Lidia Strigari  
Medical Physics, Polyclinic Sant'Orsola-  
Malpighi, Bologna, Italy

Stefano Vagge  
Diagnostic and therapeutic services area  
Department, E.O. Galliera Hospitals,  
Genoa, Italy

Vincenzo Valentini  
Complex Operational Unit Cancer  
Radiation Therapy, Policlinico Agostino  
Gemelli IRCCS, Rome, Italy



## Introduction

Join us for a one-day meeting of experts from Italy and other European countries as well as from the USA to explore the cutting-edge technology of proton therapy in radiation oncology. Proton therapy, the latest advancement in cancer treatment, offers significant benefits, particularly for challenging tumors, by delivering precise doses while minimizing toxicity to surrounding healthy tissues.

In 2024, Europe hosts 27 operational clinical proton centers, with plans for over 10 additional facilities in the coming years. However, to fully leverage this advanced technology, collaboration among oncology professionals is paramount.

This meeting aims to foster collaboration and networking among radiation oncologists and medical physicists, facilitating optimal patient selection and referrals. By bringing together experts from diverse backgrounds, we'll delve into strategies for maximizing the impact of proton therapy on patient outcomes. Join us as we explore opportunities for collaboration and innovation in proton therapy, ultimately working together for the benefit of our patients.

## Programme

- 10.30 Welcome - *R. Orecchia*
- 10.35 Presentation of the IEO Proton Therapy Facility - *B. Jerezek-Fossa*
- 10.50 The Particle Therapy Co-Operative Group (PTCOG):  
a bridge between science and clinical practice - *M. Durante*
- 11.15 Proton Therapy in Europe: joining forces in collaborative studies  
*K. Haustermans*
- 11.40 The USA Proton Therapy Network: the present and the future  
*A. Pompos*
- 12.00 Proton Therapy: the cutting-edges radiotherapy technique - *A. Mazal*
- 12.25 Towards democratization of Proton Therapy: a linac solution could be  
reasonable? - *L. Strigari*
- 12.45 Contemporary photon radiation therapy: the future scenario - *A. Pompos*
- 13.00 Light Lunch
- 14.00 Round Table: Networking is key for Proton Therapy  
*D. Alterio, C. Aristei, S. Bambace, J. Bernier, R. De Maria,  
D. Genovesi, B.A Jerezek-Fossa, M. Krengli, F. Lohr,  
M. Mascarin, G.C. Mattiucci, P. Muto, R. Orecchia, E. Orlandi,  
S. Pergolizzi, U. Ricardi, M. Scorsetti, S. Vagge, V. Valentini*
- 15.30 Visit at the IEO Proton Therapy Center
- 16.30 Closing remarks





**Course Venue**  
Auditorium Leonardo la Pietra  
Building 1  
European Institute of Oncology  
Via Ripamonti, 435 20141 Milano

**Organising Secretariat**  
Mz Events srl  
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### Registration

The course attendance is free of charge  
but the registration is requested  
Specializations of interest: Oncology, Radiotherapy, Physics

### Register here

<https://ems.mzevents.it/start/2263/eng>

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