



**Hybrid Event**  
**HOT TOPICS IN NEURO – ONCOLOGY**  
**October 22 and 23, 2026**  
**STARHOTELS CRISTALLO PALACE, Bergamo**

**RATIONALE**

Diagnostic imaging plays a pivotal role in the management of patients with central nervous system (CNS) tumours, supporting diagnosis, treatment planning, response assessment, and long-term follow-up. In recent years, significant advances in magnetic resonance imaging (MRI), including advanced functional and quantitative techniques, have substantially improved lesion characterization and have enhanced the neuroradiologist's contribution to multidisciplinary decision-making.

The increasing complexity of neuro-oncological pathways requires a thorough understanding of conventional and advanced imaging protocols, as well as the appropriate use of contrast-enhanced MRI in different clinical scenarios. Accurate interpretation of imaging findings is essential to distinguish tumour progression from treatment-related changes, evaluate therapeutic response, and guide patient management.

Furthermore, the integration of artificial intelligence tools and multimodal imaging approaches is opening new perspectives for image analysis and diagnostic accuracy, contributing to a more personalized approach to patient care.

The continuous evolution of diagnostic and therapeutic strategies in neuro-oncology makes high-level scientific education and professional updating essential for radiologists involved in the imaging assessment of CNS tumours. The discussion of clinical cases and real-world diagnostic challenges represents a valuable opportunity to share experience and optimize imaging practices across different institutions.

This course is specifically designed for neuroradiologists and radiologists with an interest in neuro-oncology who wish to deepen their knowledge of current imaging applications in CNS tumours. Through lectures delivered by leading experts and interactive case discussions, participants will gain updated insights into the most relevant and emerging topics in neuro-oncological imaging.

**DESCRIPTION**

Hot Topics in Neuro-Oncology is an educational meeting focused on the latest developments in neuroradiological imaging for central nervous system tumors.

The program will address key topics including conventional and advanced MRI techniques, the role of contrast-enhanced imaging, artificial intelligence applications in neuroradiology, assessment of treatment

response, evaluation of therapy-related imaging changes, PET imaging, and the neuroradiological features of major CNS neoplasms, including gliomas, lymphomas, metastases, and paediatric tumours.

Through expert-led lectures and interactive clinical case discussions, participants will have the opportunity to review current evidence, share best practices, and improve their diagnostic skills in the management of neuro-oncological patients.

The scientific coordinators identified for the implementation of the activity are Prof. Andrea Falini and Prof.ssa Nicoletta Anzalone, among the leading Italian experts in neuroradiology, both based at IRCCS San Raffaele Hospital in Milan.

#### **ACRONYMS**

MRI: Magnetic Resonance Imaging  
mpMRI: Multiparametric Resonance  
PET: positron emission tomography  
CT: computed Tomography

#### **OBJECTIVE**

The objective of this course is to provide us with an up-to-date overview of the latest advances in neuro-oncological imaging. Through expert lectures and case discussions, participants will deepen their knowledge of conventional and advanced MRI techniques, the appropriate use of contrast-enhanced imaging, artificial intelligence applications, and assessment of treatment response.

The course aims to enhance diagnostic accuracy and support evidence-based decision-making in the management of patients with central nervous system tumors.

#### **NUMBER OF PARTICIPANTS EXPECTED: 75**

- 25 onsite participants
- 50 remote participants

#### **TRAINING HOURS: 8 hours**

#### **LOCATION** Starhotels Cristallo Palace - Via Betty Ambiveri, 35 24126 Bergamo

#### **SCIENTIFIC PROGRAMME**

##### **2026 October 22**

14:00 **Course Presentation** *A. Falini, N. Anzalone*

14:20 **The Neuro-Oncologist's Point of View** *R. Rudà*

14:40 **Brain Tumour Imaging – The Core** *A. Falini*

15:00 **Advanced Imaging in Neuro-Oncology** *A. Castellano*  
 15:20 **AI in CNS Imaging: Assisted Interpretation and Augmentation** *G. M. Conte*  
 15:45 **Coffee Break**  
 16:00 **Surgical Approaches in Neuro-Oncology** *M. Bairo*  
 16:20 **MRI Assessment of Treatment Response and Diagnosis of Post-Operative Tumour Recurrence** *F. Sanvito*  
 16:40 **Discussion** *All Faculty*  
 17:30 **End of the Day** *A. Falini, N. Anzalone*

#### **2026 October 23**

08:30 **Refresh** *A. Falini, N. Anzalone*  
 08:45 **Evaluation of Radiological Changes in the CNS** *S. Gaudino*  
 09:05 **Evaluation of Radiological Changes in the CNS Following Different Oncologic Treatments** *A. Castellano*  
 09:25 **Role of PET** *S. Morbelli*  
 09:45 **Navigating MRI practices: insights on GBCA usage from ESMRMB-GREC-ESNR** *F. M. Doniselli, C. C. Quattrocchi*  
 10:15 **Paediatric Tumours** *G. Morana*  
 10:35 **Coffee Break** 10:45 **Lymphomas** *A. Anzalone*  
 11:05 **CNS Metastases** *A. Romano*  
 11:30 **Clinical Cases Presentation and Discussion**  
 13:00 **Conclusion** *A. Falini, N. Anzalone*

#### **CHAIR**

*Nicoletta Anzalone, Milano*  
*Andrea Falini, Milano*

| <b>HOT TOPICS IN NEURO – ONCOLOGY</b><br><b>October 22 and 23, 2026</b><br><b>STARHOTELS CRISTALLO PALACE, Bergamo</b> |                 |                               |                            |                            |                                                                                                                                                                                                                      |
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| <b>TITLE</b>                                                                                                           | <b>SURNAME</b>  | <b>FIRST NAME</b>             | <b>DEGREE</b>              | <b>SPECIALIZATION</b>      | <b>AFFILIATION</b>                                                                                                                                                                                                   |
| <b>Prof.</b>                                                                                                           | <b>Anzalone</b> | <b>Nicoletta<br/>Emanuela</b> | Medicine<br>and<br>Surgery | Neurology and<br>Radiology | Head of the Advanced<br>Neurovascular Imaging Unit at the<br>Neuroradiology Department of<br>IRCCS San Raffaele Hospital and<br>Full Professor of Neuroradiology at<br>Vita-Salute San Raffaele University,<br>Milan |

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|--------------|-------------------|-----------------------|----------------------|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dr.</b>   | <b>Bailo</b>      | <b>Michele</b>        | Medicine and Surgery | Neurosurgery            | Neurosurgery Unit, IRCCS San Raffaele Hospital, Milan                                                                                                                                                                         |
| <b>Prof.</b> | <b>Castellano</b> | <b>Antonella</b>      | Medicine and Surgery | Diagnostic Radiology    | Vita-Salute San Raffaele University, Milan, and Consultant Radiologist at the Neuroradiology Unit of IRCCS San Raffaele Hospital, Milan                                                                                       |
| <b>Dr.</b>   | <b>Conte</b>      | <b>Gian Marco</b>     | Medicine and Surgery | Radiology               | PhD Student, Functional Neuroradiology Unit at the Neuroradiology Unit of IRCCS San Raffaele Hospital, Milan                                                                                                                  |
| <b>Dr.</b>   | <b>Doniselli</b>  | <b>Fabio Martino</b>  | Medicine and Surgery | Diagnostic Radiology    | Consultant Physician at the Complex Unit of Neuroradiology of the Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan                                                                                                    |
| <b>Prof.</b> | <b>Falini</b>     | <b>Andrea</b>         | Medicine and Surgery | Neurology and Radiology | IRCCS San Raffaele Hospital, Milan, and Full Professor of Neuroradiology at Vita-Salute San Raffaele University, Milan                                                                                                        |
| <b>Prof.</b> | <b>Gaudino</b>    | <b>Simona</b>         | Medicine and Surgery | Diagnostic Radiology    | Fondazione Policlinico Universitario A. Gemelli IRCCS and Associate Professor of Diagnostic Imaging and Radiotherapy at Università Cattolica del Sacro Cuore, Rome                                                            |
| <b>Prof.</b> | <b>Morana</b>     | <b>Giovanni</b>       | Medicine and Surgery | Diagnostic Radiology    | Director of the Neuroradiology Department at Azienda Ospedaliero-Universitaria Città della Salute e della Scienza di Torino and Associate Professor of Neuroradiology at the Department of Neurosciences, University of Turin |
| <b>Prof.</b> | <b>Morbelli</b>   | <b>Silvia Daniela</b> | Medicine and Surgery | Diagnostic Radiology    | Director of the Nuclear Medicine Department at Azienda Ospedaliero-Universitaria Città della Salute e della Scienza di Torino and Full Professor of Nuclear Medicine at the University of Turin                               |

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| <b>Prof.</b> | <b>Romano</b>      | <b>Andrea</b>       | Medicine and Surgery | Diagnostic Radiology and Neuroradiology | Sapienza University of Rome and Consultant Neuroradiologist at the Neuroradiology Unit of Sant'Andrea Hospital, Rome                                                                                                                                    |
| <b>Prof.</b> | <b>Rudà</b>        | <b>Roberta</b>      | Medicine and Surgery | Neurology                               | Head of the Clinical Neuro-Oncology Unit at Molinette Hospital, Turin, and Associate Professor of Neurology at the Department of Neurosciences, University of Turin                                                                                     |
| <b>Prof.</b> | <b>Quattrocchi</b> | <b>Carlo Cosimo</b> | Medicine and Surgery | Diagnostic Radiology and Neuroradiology | Full Professor of Diagnostic Imaging and Radiotherapy at the University of Trento and Director of the Department of Radiological Sciences and Medical Imaging at ASUIT, Head of the Radiology Unit of Rovereto and Arco, Autonomous Province of Trento. |