



4TH SUMMER SCHOOL OF CLINICAL ADAPTIVE RADIOTHERAPY ON URO-ONCOLOGY

IRCCS Sacro Cuore Don Calabria
Hospital Cancer Care Center
Negrar di Valpolicella, IT

17 | 19
June
2026

SCIENTIFIC RATIONALE

The **4th Summer School** of Clinical Adaptive Radiotherapy is focused on Uro-Oncology, and this event aims to provide a comprehensive and practice-oriented overview of the evolving role of adaptive radiotherapy in the management of genitourinary cancers. As technological innovation rapidly advances imaging quality, treatment precision, and workflow automation, clinicians are increasingly required to integrate adaptive strategies into routine practice to improve personalization and outcomes. This course is designed for radiation oncologists, medical physicists, and radiation therapists seeking to deepen their understanding of adaptive radiotherapy concepts, indications, and clinical implementation. Through a balanced combination of theoretical lectures and hands-on sessions, participants will explore the full adaptive pathway, from imaging assessment and target delineation to plan adaptation, quality assurance, and treatment delivery. Interactive clinical case discussions will allow attendees to experience real decision-making scenarios, highlighting challenges such as anatomical variability, organ motion management, and the integration of daily imaging into adaptive workflows. Practical exercises using modern software platforms will help participants translate theoretical models into operational competencies. The program also emphasizes multidisciplinary collaboration as a key driver of successful adaptive radiotherapy, encouraging exchange among professionals involved in planning, quality control, and treatment execution. By the end of the course, participants will have strengthened their ability to evaluate when and how to adapt a treatment plan, understand workflow efficiency considerations, and apply evidence-based adaptive techniques to uro-oncological cases. The Summer School ultimately seeks to empower professionals to implement adaptive radiotherapy safely, effectively, and consistently, improving precision and personalization in cancer care.

- 8:50 Greetings from the faculty and introduction | **F. Alongi, L. Nicosia**
- 9:00 Vision of ESTRO on adaptive radiotherapy & modern radiotherapy | **B.A. Jereczek-Fossa**
- 9:15 Role of adaptive radiotherapy in GU malignancies | **F. Alongi**

HOT TOPIC OPEN DEBATES

- 9:30 Extreme hypofractionation in prostate cancer: is the future in favour of single fraction? | Pro: **S. Arcangeli** - Contra: **A. Loblaw**
- 10:00 RT & simultaneous boost in prostate cancer: ready for prime time? | Pro: **A. Gomez-Iturriaga** - Contra: **T. Zilli**
- 10:30 Post-operative salvage RT: is hypofractionation feasible? | Pro: **L. Nicosia** - Contra: **P. Sargo**
- 11:00 MR-guided and CT-guided adaptive radiotherapy: complementary future? | Pro: **R. Ruggieri** - Contra: **P. Sibolt**
- 11:30 **Coffee break**
- 12:00 Post-operative salvage RT needs to be combined with androgen deprivation therapy | Pro: **F. Lopez Campo** - Contra: **C. Zamboglou**
- 12:00 Optimizing Care in Prostate Oligo-Disease: SBRT First, Systemic Therapy Always? | (Pro: **G. Francolini** - Contra: **G. Marvaso**)
- 13:00 Reinventing Dose: Real-Time Accumulation and Dynamic Constraint in adaptive radiotherapy | Pro: **R. Pellegrini** - Contra: **M. Fusella**
- 13:30 **Lunch**
- 14:30 Live treatment sessions (2 groups at Unity and Ethos with experts) | Tutors: **A.G. Allegra, C. De-Colle, L. Nicosia, E. Pastorello, F. Ricchetti, M. Rigo**
- 16:00 Industry Slot - Sponsored talk (TO BE CONFIRMED)
- 16:30 Closing day 1

- 9:00 Is there a place for the adaptive approach in bladder cancer treatment? | Pro: **F. Counago** - Contra: **A. Choudury**
- 9:30 Hands-on session for CT-based and MR-based systems (divided by work groups) | Facilitators / discussants: **L. Nicosia, M. Buglione di Monale e Bastia, M. Shelan, Faculty**
- 11:00 **Coffee break**
- 11:30 Hands-on session for CT-based and MR-based systems (divided by work groups) | Facilitators / discussants: **L. Nicosia, M. Buglione di Monale e Bastia, M. Shelan, Faculty**
- 13:30 **Lunch**
- 14:30 Live treatment sessions (2 groups at Unity and Ethos with experts) | Tutors: **A.G. Allegra, C. De-Colle, L. Nicosia, E. Pastorello, F. Ricchetti, M. Rigo**
- 16:00 Industry Slot – Sponsored talk (TO BE CONFIRMED)
- 16:30 Closing day 2

- 9:00 Kidney SBRT is the new kid on the block: evidence to replace surgery? | Pro: **C. Franzese** - Contra: **M. Bilski**
- 9:30 Hands-on session for CT-based and MR-based systems (divided by work groups) | Facilitators / discussants: **L. Nicosia, M. Buglione di Monale e Bastia, M. Shelan, Faculty**
- 11:00 **Coffee break**
- 11.30 Hands-on session for CT-based and MR-based systems (divided by work groups) | Facilitators / discussants: **L. Nicosia, M. Buglione di Monale e Bastia, M. Shelan, Faculty**
- 13:30 **Lunch**
- 14:30 Clinical application and studies of adaptive radiotherapy and systemic therapies. Clinical practice and research at Sacro Cuore. QA session on adaptive workflow | **Faculty**
- 15:30 Treatment planning contest (plan review and discussion on ProKnow System) | **Faculty**
- 16:30 End of course

FACULTY



Andrea Gaetano **ALLEGRA** | Negrar, Italy

Filippo **ALONGI** | Negrar, Italy

Stefano **ARCANGELI** | Monza, Italy

Mateusz **BILSKI** | Lublin, Poland

Michela **BUGLIONE DI MONALE E BASTIA** | Brescia, Italy

Ananya **CHOUDURY** | Manchester, UK

Felipe **COUNAGO** | Madrid, Spain

Chiara **DE-COLLE** | Negrar, Italy

Giulio **FRANCOLINI** | Florence, Italy

Ciro **FRANZESE** | Rozzano, Italy

Marco **FUSELLA** | Abano Terme, Italy

Alfonso **GOMEZ ITURRIAGA** | Bizkaia, Spain

Barbara Alicja **JERECZEK-FOSSA** | Milan, Italy

Andrew **LOBLAW** | Toronto, Canada

Fernando **LOPEZ CAMPO** | Madrid, Spain

Giulia **MARVASO** | Milan, Italy

Luca **NICOSIA** | Negrar, Italy

Edoardo **PASTORELLO** | Negrar, Italy

Roberto **PELLEGRINI** | Stockholm, Sweden

Francesco **RICCHETTI** | Negrar, Italy

Michele **RIGO** | Negrar, Italy

Ruggero **RUGGIERI** | Negrar, Italy

Paul **SARGOS** | Bordeaux, France

Mohamed **SHELAN** | Bern, Switzerland

Patrik **SIBOLT** | Herlev, Denmark

Constantinos **ZAMBOGLOU** | Freiburg, Germany

Thomas **ZILLI** | Geneva, Switzerland

Congress Venue:

IRCCS Sacro Cuore Don Calabria | Hospital Cancer Center

Viale Luigi Rizzardi, 4 - Negrar di Valpolicella (VR)

Course Directors: Filippo **ALONGI** | Luca **NICOSIA**

The event will be for the following categories:

- **Radiation Oncologists**
- **Physicists**
- **Radiotherapists**

With the patronage of:



Registration

Our 3-day summer program is designed for participants of all nationalities. Fees include: welcome kit, hours of academic tuition, hours of elective tuition (Hands-on session, Live treatment sessions), all course materials, course completion certificate, all coffee breaks and meals. **Accommodation not included.**

Full-3 days registration: Member **ESTRO/AIRO/AIFM:** € 400,00 | Non-member **ESTRO/AIRO/AIFM:** € 500,00

Congress 1-day registration (*only 17 June 2026*): € 60,00

Online registration available on our website www.summerschoolnegrar.com

Organizing Secretariat



Phone: **+39 011 0267950**

E-mail: segreteria@hdcons.it

Web: www.hdcons.it

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