

INTERNATIONAL ADVANCED RADIOTHERAPY TECHNIQUES SYMPOSIUM

iART¹st

PRELIMINARY PROGRAMME

Endorsed by
ESTRO

Endorsed by
ASTRO
AMERICAN SOCIETY FOR RADIATION ONCOLOGY



iARTIST COURSE PROGRAMME
Thursday, June 11, 2026 (13:00–18:00)

ROOM A		ROOM B	
	Improvising with Neurons: Functional SRS Course		Next Frontiers of Radiation Oncology: Protons, FLASH, and Spatially Fractionated Therapy
13:00–13:05	Opening – Aim of the Course	13:00–13:05	Opening Remarks: Aim of the Course
13:05–13:55	Module 1:	13:05–14:15	Module 1: Proton Therapy
13:05–13:25	Functional Anatomy: Functional SRS 101	13:05–13:25	Building a New Proton Center— (What are Options to Build a New Center, What does It Take?)
13:25–13:45	OCD and Psychiatric Applications	13:25–13:45	How Protons Plans are Actually Built: Robustness, Range, Uncertainty, Passive vs pencil beam, IMPT vs PAT Proton Arc Therapy/PMAT—LET Considerations
13:45–13:55	Hands on Practice: SRS for Anterior Capsulotomy	13:45–14:05	Hands on Practice: Proton vs Photon Planning
13:55–15:10	Module 2: Epilepsy Radiosurgery	14:05–14:15	Moderated Discussion –(How do We Actually Deliver These Beams Safely and Intelligently?)
13:55–14:25	Hands on Practice: Medically Refractory Non-Lesional Epilepsy	14:15–14:45	Module 2: FLASH Radiotherapy
14:25–14:45		14:15–14:35	Clinical Translation of FLASH Radiotherapy: Why and How?
14:45–14:55	Discussion	14:35–14:45	Discussion
14:55–15:10	Coffee Break		
15:10–16:00	Module 3: Essential Tremor and Movement Disorders	15:00–16:00	Module 3: SFRT Applications: GRID, Lattice, Radscopal
15:10–16:00	Hands on Practice: SRS for Thalamotomy	15:00–15:20	Overview of SFRT (GRID and LATTICE)
16:00–16:10	Discussion & Closing Remarks	15:20–15:40	Scheduling of Radscopal™ Effect in the Clinic
		15:40–16:00	Hands on Practice: Lattice Planning Session
		16:00–16:10	Discussion & Closing Remarks

iARTIST COURSE PROGRAMME
Thursday, June 11, 2026 (13:00–18:00)

ROOM C

Improving with Radiotherapy: Side Effect Management & Supportive Care

13:00–13:05

Opening – Aim of the Course

13:05–13:55

Panel 1

13:05–13:25

The Challenge of Targeted Therapy–Radiotherapy Combinations: Balancing Power and Toxicity

13:25–13:45

Challenges in Radiotherapy–Immunotherapy Integration

13:45–13:55

Discussion

13:55–15:10

Panel 2

13:55–14:25

Lessons Learned from PENTEC and Paths Forward

14:25–14:45

Sustained Lifelong Care for Childhood Cancer Survivors

14:45–14:55

Discussion

14:55–15:10

Coffee Break

15:10–16:00

Panel 3

15:10–15:30

The Hidden Price of Hormone Therapy: Understanding the Long-Term Consequences

15:30–15:50

Radiotherapy and Intimacy: Confronting Treatment-Induced Sexual Dysfunction

15:50–16:00

Discussion

16:00–16:50

Panel 4

16:00–16:20

Contemporary Strategies for the Prevention and Management of Radiation Necrosis

16:20–16:40

Strategies to Mitigate and Monitor Radiation-Induced Cardiac Toxicity

16:40–16:50

Discussion

16:50–17:50

Panel 5

16:50–17:10

Nutritional Strategies to Enhance Oncologic Treatment Outcomes

17:10–17:30

Are Skin Reactions Still a Challenge in the Era of New Technology?

17:30–17:40

Artificial Intelligence–Based Models for Personalized Radiotherapy and Toxicity Risk Assessment

17:40–17:50

Discussion

17:50–18:00

General Evaluation and Closing

iARTIST SCIENTIFIC PROGRAMME DAY 1
Friday, June 12, 2026 (08:00–17:00)

	ROOM A	ROOM B
08:15–08:30	Opening Ceremony	
08:30–09:20	PANEL 1: ART in OLIGOMETASTATIC DISEASE	08:30–09:20 PANEL 2: AI IN ART (Advanced RT)
08:30–08:45	Defining OMD: Extreme Cases	08:30–08:45 Missing Piece in Advanced Radiotherapy: Automation at Workflow Steps
08:45–09:00	Imaging and Biomarkers for OMD	08:45–09:00 Generative Adversarial and Diffusion Network Models of Treatment Image Modalities Synthesization
09:00–09:15	One vs Five Fractions? /How to Choose Patients?	09:00–09:15 Integrating AI into X-ray Imaging for Enhanced Radiotherapy
09:15–09:20	Discussion	09:15–09:20 Discussion
09:20–09:50	KEYNOTE LECTURE SESSION: DILEMMA OF INNOVATION IN RADIOTHERAPY: LIBERATION OR LIMITATION	
09:50–10:00	Discussion	
10:00–10:20	Coffee Break	
10:20–11:00	Industry Symposium	
11:00–11:50	PANEL 3: ART IN CNS & SPINE	11:00–11:50 PANEL 4: ART (Adaptive RT) IN ART (Advanced RT)
11:00–11:15	Preoperative vs Postoperative SRS for Brain Metastases: Who Truly Wins the Battle?	11:00–11:15 To Adapt or not to Adapt: Which Patients Benefit Most?
11:15–11:30	Spine SBRT: Dangerously Close	11:15–11:30 Simulation Free Online Adaptive Radiation Therapy
11:30–11:45	Targeting All: The Single-Isocenter Era in Brain Metastasis Radiosurgery	11:30–11:45 CBCT vs MR Guided Online Adaptive Radiotherapy: Advantages and Pitfalls
11:45– 11:50	Discussion	11:45–11:50 Discussion
11:50–12:30	Industry Symposium	
12:30–13:30	Lunch Break	
13:30–14:20	PANEL 5: REIRRADIATION: RISK AND OUTCOMES	13:30–14:20 PANEL 6: DOSE SCULPTING IN BREAST CANCER: ESCALATION, DE-ESCALATION AND EVERYTHING IN BETWEEN
13:30–13:45	Beyond Technology: Patient Selection	13:30–13:45 Breathing in Precision: Surface-Guided Radiotherapy and the New Era of Motion Management in Breast Cancer
13:45–14:00	Reirradiation in Head and Neck	13:45–14:00 Personalizing the Beam: How do Proton Affect Our Practice?
14:00–14:15	Dose Accumulation: Beyond BED	14:00–14:15 How Fractionation Changes Our Practice?
14:15–14:20	Discussion	14:15–14:20 Discussion
14:20–15:00	Industry Symposium	
15:00–15:20	Coffee Break	

iARTIST SCIENTIFIC PROGRAMME DAY 1
Friday, June 12, 2026 (08:00-17:00)

ROOM A		ROOM B	
15:00-15:20		Coffee Break	
15:20-16:10	NAVIGATING COMPLEXITY: BREAKTHROUGH CASE SOLUTION	15:20-16:10	ORAL PRESENTATIONS SESSION 1
15:20-15:35	Post Operative SBRT in Prostate Cancer	15:20-15:35	OP1-OP2
15:35-15:50	Lung Cancer: SBRT in Ultra Central Lung Tumors: Can It be Toxic?	15:35-15:50	OP3-OP4
15:50-16:05	SRS in Brain Stem Metastases	15:50-16:05	OP5-OP6
16:05-16:10	Discussion	16:05-16:10	Discussion
16:10-17:00	INTERACTIVE PANEL: GLOBAL DISPARITIES IN RADIOTHERAPY	16:10 - 17:00	PANEL 7 : ADVANCES IN SPECTRAL X-RAY IMAGING FOR RADIOTHERAPY
		16:10-16:25	Applications of Dual Energy CT in Photon and Particle Therapy
		16:25-16:40	Photon Counting CT for Radiotherapy
		16:40-16:55	Developments in Spectral X-Ray Imaging for Next Generation CBCT
		16:55-17:00	Discussion

iARTIST SCIENTIFIC PROGRAMME DAY 2
Saturday, June 13, 2026 (08:30–17:45)

	ROOM A		ROOM B
08:30–09:20	TUMOR BOARD 1: FRACTIONATION, REIRRADIATION AND ADAPTIVE CASE, WHICH PLATFORM OR TECHNIQUES TO CHOOSE?	08:30–09:20	PANEL 8: LUNG CANCER: A NEW ERA, NEW CONCEPTS
08:30–08:45	Case Presentation-1 – Prostate	08:30–08:45	The Urethra Dilemma: to Spare or not to Spare?
08:45–08:55	Discussion	08:45–09:00	A Timeless Challenge: Dose, Fractionation and Lung Constraints in Interstitial Lung Disease
08:55–09:10	Case Presentation-2 – Breast	09:00–09:15	Pancreas & Liver SBRT: Is There a No-Fly Zone in Upper GI Radiotherapy
09:10–09:20	Discussion	09:15–09:20	Discussion
09:20–10:00	DEBATE: DO WE OVERTREAT OMS?		
09:20–09:35	Pro		
09:35–09:50	Con		
09:50–10:00	Rebuttal and QA		
10:00–10:20	Coffee Break		
10:20–11:00	Industry Symposium		
11:00–12:00	PANEL 9: CLINICAL IMPROVEMENTS THROUGH TECHNICAL ADVANCEMENTS IN SGRT	11:00–11:50	TUMOR BOARD 2
11:00–11:15	How SGRT has Enabled Advancement of Research Based Clinical Practice?	11:00–11:15	Case Presentation 1: SCLC - Approach to CNS
11:15–11:30	Latest Clinical Experience with Dose RT and Beam Guide	11:15–11:25	Discussion
11:30–11:45	Redefining Treatments with Surface Guided Planning	11:25–11:40	Case Presentation 2: NSCLC Multiple Brain Mets
11:45–12:00	Why SGRT Matters – Panel Discussion	11:40–11:50	Discussion
12:00–12:40	Industry Symposium		
12:40–13:30	Lunch Break		
13:30–14:20	PANEL 10: ADVANCES IN PROTON THERAPY	13:30–14:20	PANEL 11: STROMAL DETERMINANTS of IMMUNE REACTIVITY FOLLOWING RADIATION THERAPY
13:30–13:45	Tracing the Path: Milestones in Proton Therapy	13:30–13:45	The Structural Landscape of the Tumor Stroma: from Architecture to Function
13:45–14:00	Protons Reinvented: New Horizons in Precision	13:45–14:00	Targeting the Stroma: Current Clinical Paradigms and Challenges
14:00–14:15	Enhancing Access to Proton Therapy: Upright Treatment Approach	14:00–14:15	Nanomechanical Signatures: A New Frontier in Predicting Patient Outcomes
14:15–14:20	Discussion	14:15–14:20	Discussion

iARTIST SCIENTIFIC PROGRAMME DAY 2

Saturday, June 13, 2026 (08:30–17:45)

	ROOM A	ROOM B	
14:20–15:00	Industry Symposium		
15:00–15:30	KEYNOTE LECTURE SESSION: TOXICITY AND PUBLIC FEAR		
15:30–15:40	Discussion		
15:40–16:00	Coffee Break		
16:00–16:50	PANEL 12: HYPOFRACTIONATION IN PROSTAT CANCER: LESS IS MORE?	16:00–16:50	ORAL PRESENTATIONS SESSION 2
16:00–16:15	Hypofractionation and Ultra Hypofractionation: Clinical Implementation and Patient Management	16:00–16:15	OP7–OP8
16:15–16:30	Adaptive Extreme Hypofractionation: State of Art and Future Perspectives	16:15–16:30	OP9–OP10
16:30–16:45	Salvage SBRT for Intraprostatic Recurrence with Focus on Proton Therapy	16:30–16:45	OP11–OP12
16:45–16:50	Discussion	16:45–16:50	Discussion
16:50–17:40	IAEA SYMPOSIUM–RAYS OF HOPE–THEMATIC KICK–OFF STATEMENT	16:50–17:40	PANEL 13: GASTROINTESTINAL
16:50–16:55	Opening Remarks – Brief Introduction of the Topic and Participants	16:50–17:05	Pancreatic Cancer: Hypofractionated RT or SBRT – What is the Evidence ?
16:55–17:05	IAEA Rays of Hope and Its Impact: Bridging the Radiotherapy Gap	17:05–17:20	Invasive Ablative Methods vs SBRT for Liver Metastasis
17:05–17:15	The Impact of IAEA Collaborative Centers on the Quality of Radiotherapy Globally	17:20–17:35	Organ Preservation in Rectal Cancer: How High Tech can Help?
17:15–17:25	Anchor Centers as IAEA Hubs to Enhance the Capacity of Global Radiotherapy	17:35–17:40	Discussion
17:25–17:40	Round Table Discussion		
17:40–17:50	CLOSING REMARKS		



ORGANIZATION SECRETARIAT
UNICON MICE CONGRESS ORGANIZATION

İstanbul: Gayrettepe Mah. Vefa Bayırı Sk. İş Bankalılar
Sitesi C Blok No:3 /B1 Beşiktaş

Phone: +90 212 969 33 05

Mobile Phone / WP: +90 538 383 26 06

E-mail: iartistanbul@uniconmice.com

Web: www.uniconmice.com – www.iartistanbul.com