

# INTERNATIONAL ADVANCED RADIOTHERAPY TECHNIQUES SYMPOSIUM

## iART<sup>st</sup>

### PRELIMINARY PROGRAMME

Endorsed by  
**ESTRO**

Endorsed by  
**ASTRO**  
AMERICAN SOCIETY FOR RADIATION ONCOLOGY



**unicon**  
CONGRESS & INCENTIVE & EVENT

iARTIST COURSE PROGRAMME		
Thursday, June 11, 2026 (13:00–18:00)		
	ROOM A	ROOM B
	Improvising with Neurons: Functional SRS Course	Improvising with Particles: Particle Beam Therapy, FLASH RT and SFRT Course
<b>13:00–13:05</b>	<b>Opening – Aim of the Course</b>	<b>Opening – Aim of the Course</b>
<b>13:05–13:55</b>	<b>Module 1:</b>	<b>Module 1:</b>
13:05–13:25	Functional Anatomy: Functional SRS 101	Proton Applications
13:25–13:45	OCD and Psychiatric Applications	Patient Selection: Choosing the Right Audience **
13:45–13:55	Hands on Practice: SRS for Anterior Capsulotomy	Hands on Practice: Proton vs. Photon Planning Challenge
<b>13:55–15:10</b>	<b>Module 2: Epilepsy Radiosurgery</b>	<b>Module 2: FLASH Radiotherapy</b>
13:55–14:25	Hands on Practice: Medically Refractory Non-Lesional Epilepsy	Hands on Practice: Simulating a FLASH Case–Bone Metastasis
14:25–14:45		
14:45–14:55	Discussion	Discussion
<b>14:55–15:10</b>	<b>Coffee Break</b>	
<b>15:10–16:00</b>	<b>Module 3: Essential Tremor and Movement Disorders</b>	<b>Module 3: SFRT Applications: LATTICE and GRID</b>
<b>15:10–15:40</b>	Hands on Practice: SRS for Thalamotomy	Hands on Practice: Lattice Planning Session
<b>15:40–16:00</b>	Discussion & Closing Remarks	Discussion & Closing Remarks

IARTIST COURSE PROGRAMME	
Thursday, June 11, 2026 (13:00–18:00)	
ROOM C	
	<b>Improvising with Prescriptions: Side Effect &amp; Supportive Care Management</b>
<b>13:00–13:05</b>	<b>Opening – Aim of the Course</b>
<b>13:05–13:55</b>	<b>Panel 1</b>
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
<b>13:55–15:10</b>	<b>Panel 2</b>
13:55–14:25	PENTEC–Pediatric Normal Tissue Effects in the Clinic
14:25–14:45	Balancing Cure and Risk: Secondary Cancer Prevention in Pediatric Radiotherapy
14:45–14:55	Discussion
<b>14:55–15:10</b>	<b>Coffee Break</b>
<b>15:10–16:00</b>	<b>Panel 3</b>
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
<b>16:00–16:50</b>	<b>Panel 4</b>
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
<b>16:50–17:50</b>	<b>Panel 5</b>
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
<b>17:50–18:00</b>	<b>General Evaluation and Closing</b>

iARTIST SCIENTIFIC PROGRAMME DAY 1 Friday, June 12, 2026 (08:00–17:00)		
	ROOM A	ROOM B
08:15–08:30	<b>Opening Ceremony</b>	
08:30–09:20	<b>PANEL 1: ART in OLIGOMETASTATIC DISEASE</b>	<b>PANEL 2: AI IN ART (Advanced RT)</b>
08:30–08:45	Defining OMD: Extreme Cases	Missing Piece in Advanced Radiotherapy: Automation at Workflow Steps
08:45–09:00	Imaging and Biomarkers for OMD	Generative Adversarial and Diffusion Network Models of Treatment Image Modalities Synthesization
09:00–09:15	One vs Five Fractions? /How to Choose Patients?	Advancements of Deep Learning Reconstruction for Plannable CBCT (Polyquant CBCT Reconstruction)
09:15–09:20	Discussion	Discussion
09:20–09:50	<b>KEYNOTE LECTURE SESSION: DILEMMA OF INNOVATION IN RADIOTHERAPY: LIBERATION OR LIMITATION</b>	
09:50–10:00	Discussion	
10:00–10:20	<b>Coffee Break</b>	
10:20–11:00	<b>Industry Symposium</b>	
11:00–11:50	<b>PANEL 3: ART IN CNS &amp; SPINE</b>	<b>NAVIGATING COMPLEXITY: BREAKTHROUGH CASE SOLUTION</b>
11:00–11:15	Integrating Gyroscopes into Brain and Spine SRS: A New Era	Pancreatic Cancer: Hypofractionated RT or SBRT – What is the Evidence ?
11:15–11:30	Spine SBRT: Dangerously Close	Lung Cancer: SBRT in Ultra Central Lung Tumors: Can it be Toxic ?
11:30–11:45	Targeting All: The Single-Isocenter Era in Brain Metastasis Radiosurgery	SRS in Brain Stem Metastases
11:45–11:50	Discussion	Discussion
11:50–12:30	<b>Industry Symposium</b>	
12:30–13:30	<b>Lunch Break</b>	
13:30–14:20	<b>PANEL 4: ART (Adaptive RT) IN ART (Advanced RT)</b>	<b>ORAL PRESENTATIONS SESSION 1</b>
13:30–13:45	To Adapt or Not to Adapt: Which Patients Benefit Most?	OP1–OP2
13:45–14:00	Simulation Free Online Adaptive Radiation Therapy	OP3–OP4
14:00–14:15	CBCT vs MR Guided Online Adaptive Radiotherapy: Advantages and Pitfalls	OP5–OP6
14:15–14:20	Discussion	Discussion
14:20–15:00	<b>Industry Symposium</b>	
15:00–15:20	<b>Coffee Break</b>	

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	<b>PANEL 5: REIRRADIATION: RISK AND OUTCOMES</b>	<b>PANEL 6: DOSE SCULPTING IN BREAST CANCER: ESCALATION, DE-ESCALATION AND EVERYTHING IN BETWEEN</b>
15:20–15:35	Beyond Technology: Patient Selection	Breathing in Precision: Surface-Guided Radiotherapy and the New Era of Motion Management in Breast Cancer
15:35–15:50	Dose Accumulation: Beyond BED	Personalizing the Beam: How Proton Affect our Practice?
15:50–16:05	Reirradiation in Head and Neck	How Fractionation Changes our Practice?
16:05–16:10	Discussion	Discussion
16:10–17:10	<b>INTERACTIVE PANEL: GLOBAL DISPARITIES IN RADIOTHERAPY</b>	
	ESTRO, ASTRO, RTOG, EORTC, JASTRO, AAMSTRO, TROD ve Healthcare Providers	

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?	PANEL 7: LUNG CANCER	
08:30–08:45	Case Presentation-1 – Prostate	08:30–08:45	Radiotherapy in Immunotherapy Era: New Constraints, New Strategies
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	A New Technology: Integration of 4D Motion Management with MR-Guided and Adaptive Radiotherapy
09:10–09:20	Discussion	09:15–09:20	Discussion
09:20–10:05	DEBATE: DO WE OVERTREAT OMS?		
09:20–09:35	Pro		
09:35–09:50	Con		
09:50–10:05	Rebuttal and QA		
10:05–10:20	Coffee Break		
10:20–11:00	Industry Symposium		
11:00–12:00	PANEL 8: SGRT/VISION-RT	TUMOR BOARD 2:	
11:00–11:15	Surface: Is it a Good Surrogate for Tumor Motion?	11:00–11:15	Case Presentation 1: SCLC – Approach to CNS
11:15–11:30	Polyquant CT Reconstruction for RT	11:15–11:25	Discussion
11:30–11:45	New Paradigms Beyond Margins: Do we Need PTV Margin?	11:25–11:40	Case Presentation 2: NSCLC Multiple Brain Mets
11:45–12:00	Discussion	11:40–11:50	Discussion
12:00–12:40	Industry Symposium		
12:40–13:30	Lunch Break		
13:30–14:20	PANEL 9: ADVANCES IN PROTON THERAPY	ORAL PRESENTATIONS SESSION 2	
13:30–13:45	Tracing the Path: Milestones in Proton Therapy	OP7–OP8	
13:45–14:00	Protons Reinvented: New Horizons in Precision	OP9–OP10	
14:00–14:15	Enhancing Access to Proton Therapy: Upright Treatment Approach	OP11–OP12	
14:15–14:20	Discussion	Discussion	

iARTIST SCIENTIFIC PROGRAMME DAY 2 Saturday, June 13, 2026 (08:30-17:45)				
	ROOM A		ROOM B	
14:20-15:00	Industry Symposium			
15:00-15:40	KEYNOTE LECTURE SESSION: TOXICITY AND PUBLIC FEAR			
15:40-16:00	Coffee Break			
16:00-16:50	PANEL 10: HYPOFRACTIONATION IN PROSTAT CANCER: LESS IS MORE?		PANEL 11: IMMUNORADIOTHERAPY: BENCH TO BEDSIDE	
16:00-16:15	Hypofractionation and Ultra Hypofractionation: Clinical Implementation and Patient Management			
16:15-16:30	Beyond the Current Concept: Extreme Hypofractionation			
16:30-16:45	Salvage SBRT for Intraprostatic Recurrence with Focus on Proton Therapy			
16:45-16:50	Discussion			
16:50-17:30	IAEA SYMPOSIUM-RAYS OF HOPE-THEMATIC KICK-OFF STATEMENT		PANEL 12: ADVANCES IN SPECTRAL X-RAY IMAGING FOR RADIOTHERAPY	
16:50-16:55	Opening Remarks - Brief Introduction of the Topic and Participants		16:50-17:00	Applications of Dual Energy CT in Photon and Particle Therapy
16:55-17:00	IAEA Rays of Hope and its Impact: Bridging the Radiotherapy Gap		17:00-17:10	Photon Counting CT for Radiotherapy
17:00-17:05	The Impact of IAEA Collaborative Centers on the Quality of Radiotherapy Globally		17:10-17:20	Developments in Spectral X-Ray Imaging for Next Generation CBCT
17:05-17:10	Anchor Centers as IAEA Hubs to Enhance the Capacity of Global Radiotherapy		17:20-17:25	Discussion
17:10-17:25	Round Table Discussion			
17:25-17:30	Closing Remarks			



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