

INTERNATIONAL ADVANCED RADIOTHERAPY TECHNIQUES SYMPOSIUM

iART^{1st}

PRELIMINARY PROGRAMME



International
Advanced
Radiotherapy
Techniques
Symposium



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
13:00-13:05	Opening - Aim of the Course	Opening - Aim of the Course
13:05-13:55	Module 1:	Module 1:
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
13:55-15:10	Module 2: Epilepsy Radiosurgery	Module 2: FLASH Radiotherapy
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
14:55-15:10	Coffee Break	
15:10-16:00	Module 3: Essential Tremor and Movement Disorders	Module 3: SFRT Applications: LATTICE and GRID
15:10-15:40	Hands on Practice: SRS for Thalamotomy	Hands on Practice: Lattice Planning Session
15:40-16:00	Discussion & Closing Remarks	Discussion & Closing Remarks

iARTIST COURSE PROGRAMME

Thursday, June 11, 2026 (13:00-18:00)

ROOM C

	Improvising with Prescriptions: Side Effect & Supportive Care Management
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	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
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-Termconsequences
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	PANEL 4: UNCERTAINTIES IN ART (Advanced RT)
08:30-08:45	One vs Five Fractions? /How to Choose Patients?	Missing Piece in Advanced Radiotherapy: Automation at Workflow Steps
08:45-09:00	Imaging and Biomarkers for OMD	Generative Adversarial and Difusion Networks for Syntetic CT
09:00-09:15	Defining OMD: Extreme Cases	Advancements of Deep Learning Reconstruction for Plannable CBCT (Polyquant CBCT Recon)
09:15-09:20	Discussion	Discussion
09:20-10:00	KEYNOTE LECTURE SESSION: DILEMMA OF INNOVATION IN RADIOTHERAPY: LIBERATION OR LIMITATION	
10:00-10:20	Coffee Break	
10:20-11:00	Industry Symposium	
11:00-11:50	PANEL 2: REIRRADIATION: RISKS AND OUTCOMES	NAVIGATING COMPLEXITY: BREAKTHROUGH CASE SOLUTION
11:00-11:15	Beyond Technology: Patient Selection	Pancreatic Cancer: Hypofractionated RT or SBRT - What is the Evidence?
11:15-11:30	Dose Accumulation: Beyond BED	Lung Cancer: SBRT in Ultra Central Lung Tumors: Can it be Toxic?
11:30-11:45	Reirradiation with Protons	SRS in Brain Stem Metastases
11:45-11:50	Discussion	Discussion
11:50-12:30	Industry Symposium	
12:30-13:30	Lunch Break	
13:30-14:20	PANEL 3: ART (Adaptive RT) IN ART (Advanced RT)	ORAL PRESENTATIONS SESSION 1
13:30-13:45	To Adapt or Not to Adapt: Which Patients Benefit Most?	OPI-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, Disadvantages and Pitfalls	OP5-OP6
14:15-14:20	Discussion	Discussion
14:20-15:00	Industry Symposium	

iARTIST SCIENTIFIC PROGRAMME DAY 1

Friday, June 12, 2026 (08:00-17:00)

	ROOM A	ROOM B
15:00-15:20	Coffee Break	
15:20-16:00	TUMOR BOARD 1: FRACTIONATION, REIRRADIATION AND ADAPTIVE CASE, WHICH PLATFORM OR TECHNIQUES TO CHOOSE	PANEL 5: DOSE SCULPTING IN BREAST CANCER: ESCALATION, DE-ESCALATION AND EVERYTHING IN BETWEEN
15:20-15:30	Prostate Cancer: Recurrence After Definitive RT and Postop RT Settings Including All the Topics Above	Breathing in Precision: Surface-Guided Radiotherapy and the New Era of Motion Management in Breast Cancer
15:30-15:40	Case Discussion-1	Personalizing the Beam: When to Intensify, When to Simplify
15:40-15:50	Case Discussion-2	Shaping Tomorrow's Dose: Personalization in Post-Reconstruction Breast Radiotherapy
15:50-16:00	Discussion	Discussion
16:00-17:00	INTERACTIVE PANEL: GLOBAL DISPARITIES IN RADIOTHERAPY	
	ESTRO, ASTRO, RTOG, EORTC, JASTRO, AAMSTRO, TROD ve Healthcare Providers	
	Transfers to "Istanbul Modern"	
19:00-23:00	Opening Reception	

iARTIST SCIENTIFIC PROGRAMME DAY 2

Saturday, June 13, 2026 (08:30-17:45)

	ROOM A	ROOM B
08:30-09:20	PANEL 6: HYPOFRACTIONATION IN PROSTAT CANCER: LESS IS MORE?	PANEL 7: ADVANCES IN SPECTRAL X-RAY IMAGING FOR RADIOTHERAPY
08:30-08:45	Hypofractionation and Ultra Hypofractionation: Clinical Implementation and Patient Management	Applications of Dual Energy CT in Photon and Particle Therapy
08:45-09:00	Beyond the Current Concept: Extreme Hypofractionation	Photon Counting CT for Radiotherapy
09:00-09:15	Indispensable Role of Brachytherapy in Hypofractionation Era	Developments in Spectral X-ray Imaging for Next Generation CBCT
09:20-10:05	Discussion	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	Satellite Symposium	
11:00-12:00	PANEL 8: SGRT/VISION-RT	TUMOR BOARD:
11:00-11:15	Surface: Is it a Good Surrogate for Tumor Motion?	Case 1: SCLC – Approach to CNS
11:15-11:30	Polyquant CT Reconstruction for RT	Discussion: SCLC PCI/HA-WBRT in Contemporary Practice
11:30-11:45	New Paradigms Beyond Margins: Do we Need PTV Margin?	Case 2: NSCLC Multiple Brain Mets
11:45-12:00	Discussion	Discussion
12:00-12:40	Satellite 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: Technological and Clinical Horizons in Proton Therapy & 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	Satellite Symposium	
15:00-15:40	Keynote Lecture Session: Toxicity and Public Fear	
15:40-16:00	Coffee Break	
16:00-16:50	PANEL 10: ART IN CNS & SPINE	PANEL 11: IMMUNORADIOOTHERAPY: BENCH TO BEDSIDE
16:00-16:15	Integrating Gyroscopes into Brain and Spine SRS: A New Era	Synergizing Immunotherapy and Biology-Guided Radiotherapy: Translating Immune Response into Oncology
16:15-16:30	Spine SBRT: Dangerously Close	Amplifying Immunity: How NBTXR3 Turns Radiation Into an Immune Trigger
16:30-16:45	Targeting All: The Single-Isocenter Era in Brain Metastasis Radiosurgery	Translating the Language of Lymphocytes: How Radiotherapy Shapes Immune Communication
16:45-16:50	Discussion	Discussion
16:50-17:30	IAEA SYMPOSIUM-RAYS OF HOPE	LUNG CANCER
16:50-17:00	Bridging the Radiotherapy Gap: Global Equity	From Static Volumes to Time-Resolved Targets: The 4D Paradigm in Lung Radiotherapy
17:00-17:10	Radiotherapy Sustainability: From Infrastructure to Impact	Respiratory Gating as a Precision Tool: Margin Reduction, Dose Escalation, and SBRT Outcomes
17:10-17:20	Building Hope: What Has Been Achieved and What Lies Ahead	Beyond Gating: Integration of 4D Motion Management with MR-Guided and Adaptive Radiotherapy
17:20-17:30	Discussion	Discussion
17:30-17:45	Closing Remarks	
	Transfer	
19:00-21:00	Evening Dinner	



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