
COMP WINTER SCHOOL

REIRRADIATION IN MODERN RADIATION ONCOLOGY: CLINICAL, TECHNICAL AND RADIOBIOLOGICAL CONSIDERATIONS



**Pillar and Post Hotel, Niagara-on-the-Lake
Ontario, Canada**

January 27-30, 2027

DETAILED PROGRAM

LAST UPDATED: AUGUST 28, 2026

Notes:

- Last updated August 28, 2026; speaker names and sponsor details are placeholders (TBC) pending confirmation.
- Some site-specific sessions may run in parallel on January 28 (Day 2)

Wednesday January 27, 2027

Time (ET)	Session / Topic	Speakers / Facilitators	Linked Learning Objective
4:00 – 4:45 PM	State of the Science: ReCOG & ESTRO Perspectives	Emma Dunne, MD, PhD, FRCPC Monica Serban, PhD, MCCPM Michael Velec, PhD, MRT(T) Ane Appelt, PhD Charles Mayo, PhD, FAAPM, FASTRO	- Situate the goals within the broader international reirradiation research agenda advanced by ESTRO and ReCOG
4:45-5:30 PM	Opening Keynote (ESTRO/ReCOG-endorsed)	Laura Dawson, MD, FRCPC, FASTRO, FCAHS	- Identify the key questions the Winter School aims to address over the following three days
5:30 – 7:00 PM	Reception	—	

Thursday January 28, 2027

Time (ET)	Session / Topic	Speakers / Facilitators	Linked Learning Objective
6:30 – 7:00 AM	Breakfast	—	
7:00 – 7:30 AM	Welcome: Opening Remarks & Icebreaker	—	
7:30 – 8:00 AM	Radiobiology	Laure Marignol, PhD	- Explain the biological complexity and inter-patient variability in radiation response - Summarize experimental and preclinical approaches used to investigate radiation response and tissue recovery, and identify how these studies can inform reirradiation practice
8:00 – 8:30 AM	Site-Specific Session: Brain & Spine Head & Neck Breast Thorax	Thankamma Ajithkumar, MD, FRCR, FRCP Arnaud Beddok, MD, PhD Alanah Bergman, PhD, FCCPM Louise Murrey, MBChB, PhD Manju Sharma, PhD	- Summarize key outcomes and knowledge generated through major international collaborative networks and trials in reirradiation - Describe how international collaboration has shaped current clinical practice and research priorities; identify gaps in current evidence and emerging areas of investigation - Articulate anticipated near-term developments and their potential impact on clinical practice
8:30 – 9:00 AM			
9:00 – 9:30 AM			
9:30 – 10:00 AM			
10:00 – 10:30 AM	Break (sponsor TBC)	—	
10:30 – 11:00 AM	Site-Specific Session: Liver & Abdomen Rectum & Pelvis Cervix & Pelvis	Ane Appelt, PhD Supriya Chopra, MD, DNB Laura Dawson, D, FRCPC, FASTRO, FCAHS Donna Murrell, PhD, MCCPM Monica Serban, PhD, MCCPM	(see above)
11:00 – 11:30 AM			
11:30 – 12:00 PM			
12:00 – 1:00 PM	Lunch	—	—
1:00 – 1:30 PM	Site-Specific Session: Pediatrics	Louis S. Constine, MD, FASTRO, FACR	(see above)

1:30 – 2:15 PM	Radiobiological Modeling	Issam El Naqa, PhD, DABR, FAAPM	- Describe how radiobiological principles in reirradiation differ from de novo treatment, and identify key knowledge gaps in tissue recovery modeling
2:15 – 3:00 PM	Registries & Trial Design	Jonas Willman, PD, DrMED	- Identify how standardized registries and trial design can address current evidence gaps in reirradiation research - Describe active registries and trails designed for reirradiation research
3:00 – 3:30 PM	<i>Break (sponsor TBC)</i>	—	
3:30 – 5:00 PM	Technology Spotlight I	Industry representatives & delegates	- Describe current commercial technologies and platforms designed to address reirradiation challenges - Engage in dialogue with vendors about future product roadmaps and provide clinical input on the clinical tools needed to support reirradiation practice

Friday January 29, 2027

Time (ET)	Session / Topic	Speakers / Facilitators	Linked Learning Objective
7:30 – 8:00 AM	Breakfast	—	
8:00 – 8:15 AM	Welcome & Housekeeping	—	
8:15 – 9:00 AM	Image Registration & Dose Mapping	Eliana Vasquez Osorio, PhD	- Evaluate current methods, limitations, and reporting standards for image registration-based dose mapping
9:00 – 9:30 AM	Clinical Workflows	Michael Velec, MRT(T), PhD	- Compare approaches, protocols, and resources across different provinces and institutions - Discuss recent efforts to establish standardized reirradiation workflows and the rationale for their adoption
9:30 – 10:00 AM	Evaluation and Documentation Approaches Supporting Evidence Generation	Ane Appelt, PhD Charles Mayo, PhD, FAAPM, FASTRO	- Explain how standardized evaluation documentation can support evidence generation - Improve the consistency of reirradiation data across patients and institutions
10:00 – 10:30 AM	Break (sponsor TBC)	—	
10:30 – 12:00 PM	Tehnology Spotlight II Parallel workshops	TBC	- Describe current commercial technologies and platforms designed to address reirradiation challenges
12:00 – 1:00 PM	Lunch	—	
1:00 – 1:30 PM	Canada in Focus: CPQR KQI reRT Standards AROPAC Ontario Thorax Consensus	Kristi MacKenzie, MHA, CHE -TBC	- Identify major reirradiation initiatives currently underway across Canadian centres
1:30 – 3:00 PM			
3:00 – 3:30 PM	Break (sponsor TBC)	—	

3:30 – 5:00 PM	Technology Spotlight II Parallel workshops	TBC	- Describe current commercial technologies and platforms designed to address reirradiation challenges
6:00 PM onward	<i>Banquet (Offsite)</i>	—	

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Saturday January 30, 2027

Time (ET)	Session / Topic	Speakers / Facilitators	Linked Learning Objective
7:30 – 8:00 AM	Breakfast	—	
8:00 – 9:00 AM	Project Gallery	Featured delegate submissions	- Identify innovative reirradiation projects underway across Canadian institutions and agencies
9:00 – 10:00 AM	Learning Reflections & Collaboration	All delegates	- Discuss key takeaways in small groups and identify how to apply them within their own institution
10:00 – 10:30 AM	Break (sponsor TBC)	—	
10:30 – 12:00 PM	Charting the Path Forward	Brian Liszewski, MRT(T), BSc	- Synthesize insights from Days 1, 2 and 3 to inform a national strategy to advance care of all Canadian reirradiation patients - Engage constructively with multidisciplinary and multi-sector stakeholders to identify shared priorities in reirradiation - Contribute to defining concrete, actionable next steps for advancing reirradiation practice and research in Canada
12:00 – 12:30 PM	Lunch	—	
12:30 PM onward	Invite-Only Steering Meeting: Path Forward	Steering Committee	(see above)