

Plenary Session	Proton Beam and Heavy Ions Track	Spatial Fractionation (SFRT)	FLASH Teaching Lectures
FLASH Modalities Track	FLASH Mechanisms Track	FLASH in Pre-Clinical and Clinical Settings Track	Proton Beam and Heavy Ions & Spatial Fractionation (SFRT) Track
Industry Sponsored Session			

Programme at a Glance, as of 20 September 2023. Programme remains subject to change.

Conference Time Zone: Toronto, Ontario - Eastern Standard Time (EDT/GMT-4)

Tuesday, 5 December 2023				
Halls	Plenary Hall	Hall B	Hall C	Hall D
09:00 - 09:50	<u>Welcome Words & Plenary Opening Lecture:</u> "What Is Expected in the Field by 2030?" Albert Koong (USA)			
09:50 - 10:00	Short Break			
10:00 - 10:30	<u>FLASH Modalities:</u> Protons Anthony Mascia (USA)			
10:30 - 10:50	Coffee Break & Networking Time			
10:50 - 11:20	<u>FLASH Mechanisms</u> Oxygen and Chemistry Mirna El Khatib (USA)			
11:20 - 11:30	Short Break			
11:30 - 13:00	<u>ORAL PRESENTATION SESSION 01: Facility Overviews & radiation protection (FLASH Modalities I)</u>	<u>ORAL PRESENTATION SESSION 02: in vivo pre-clinical studies (FLASH Mechanisms I)</u>	<u>ORAL PRESENTATION SESSION 03: Clinical trials (FLASH in Pre-Clinical and Clinical Settings I)</u>	<u>ORAL PRESENTATION SESSION 04: Proton Beam and Heavy Ions & Spatial Fractionation (SFRT)</u>
13:00 - 14:15	Lunch Break	13:15- 13:45 Industry Sponsored Session	Lunch Break	
14:15 - 14:45	<u>Proton Beams and Heavy Ions:</u> Carbon Ions Walter Tinganelli (Germany)			
14:45 - 14:55	Short Break			
14:55 - 15:25	<u>FLASH Modalities</u> VHEE/Photon I Magdalena Bazalova-Carter (Canada)			
15:25 - 15:40	Coffee Break in the Exhibition			
15:40 - 16:40	<u>E-Poster Discussion #1-3</u> Exhibition Area			
16:40-17:10	Networking Time, E-Poster Viewing in the Exhibition Area			
17:10 - 17:40	<u>FLASH Mechanisms</u> Ionizing radiation-induced acoustics in FLASH and CONV radiotherapy? Julie Lascaud (Germany)			
17:40 - 17:50	Short Break			
17:50 - 18:20	<u>FLASH in Pre-Clinical and Clinical Settings</u> Preclinical in Vivo Brita Singers Sorensen (Denmark)			
18:20 - 18:30	Short Break			
18:30 - 20:00	<u>ORAL PRESENTATION SESSION 05: Highest Scored Abstracts (FLASH Modalities II)</u>	<u>ORAL PRESENTATION SESSION 06: Highest Scored Abstracts (FLASH Mechanisms II)</u>	<u>ORAL PRESENTATION SESSION 07: QA and dosimetry for the clinic (FLASH in Pre-Clinical and Clinical Settings II)</u>	
20:00	Welcome Networking Reception - Christmas Market Exhibition Area Open to all conference participants			

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Wednesday, 6 December 2023				
Halls	Plenary Hall	Hall B	Hall C	Hall D
07:00 - 08:00	FRPT FLASH Yoga Class			
08:30 - 09:00	Spatial Fractionation (SFRT): Proton Minibeam Radiobiology and Immune Response Lorea Iturri (France)			
09:00 - 09:10	Short Break			
09:10 - 09:40	FLASH in Pre-Clinical and Clinical Settings Clinical Perspectives Alexander Lin (USA)			
09:40 - 10:00	Coffee Break & Networking Time			
10:00 - 10:30	FLASH Mechanisms Model - Oxygen Role Jennifer Zou (USA)			
10:30 - 10:40	Short Break			
10:40 - 12:10	ORAL PRESENTATION SESSION 08: Quality assurance and real time dosimetry (FLASH Modalities III)	ORAL PRESENTATION SESSION 09: in vivo & in vitro studies (FLASH Mechanisms III)	ORAL PRESENTATION SESSION 10: TPS and Clinical Delivery (FLASH in Pre-Clinical and Clinical Settings III)	ORAL PRESENTATION SESSION 11: Mathematical modelling & Physico-Chemistry (FLASH Mechanisms IV)
12:10 - 13:25	Lunch Break	12:15- 13:15 Industry Sponsored Session	12:15- 13:15 Industry Sponsored Session	Lunch Break
13:25 - 14:05	Proton Beams and Heavy Ions: Toward Clinical Trial. From Preclinical Studies To Domestic Animals Trials and Human Patients Serena Psoroulas (Switzerland)			
14:05 - 14:15	Short Break			
14:15 - 14:45	FLASH Teaching Lecture Hypoxia and Radiation Response Marianne Koritzinsky (Canada)			
14:45 - 15:00	Coffee Break in the Exhibition			
15:00 - 16:00	E-Poster Discussion #4-6 Exhibition Area			
16:00-16:30	Networking Time, E-Poster Viewing in the Exhibition Area			
16:30 - 17:00	FLASH Modalities VHEE/Photon II Vincenzo Patera (Italy)			
17:00 - 17:10	Short Break			
17:10 - 17:55	Debate Session: Are Circulating Immune Cells the Critical Factors for the FLASH Effect?			
17:55 - 18:05	Short Break			
18:05 - 18:35	Spatial Fractionation (SFRT): Spatial Fractionation Imma Martinez-Rovira (Spain)			
19:30 - 23:00	FLASH Networking Event Tickets may be purchased			

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Thursday, 7 December 2023				
Halls	Plenary Hall	Hall B	Hall C	Hall D
08:30 - 09:00	<u>FLASH Mechanisms</u> Multiscale Modeling of Ultrahigh Dose Rate Response Emanuelle Scifoni (Italy)			
09:00 - 09:10	Short Break			
09:10 - 09:40	<u>Proton Beams and Heavy Ions:</u> Protons Michele Kim (USA)			
09:40 - 10:00	Coffee Break & Networking Time, E-Poster Viewing in the Exhibition			
10:00 - 10:30	<u>Spatial Fractionation (SFRT):</u> Cracking the Code: Microbeam RT at FLASH Dose Rates; the Ultimate Radiobiological Puzzle Cristian Fernandez-Palomo (Switzerland)			
10:30 - 10:40	Short Break			
10:40 - 12:10	<u>ORAL PRESENTATION SESSION 12: Quality assurance and real time dosimetry & New Horizons in FLASH (FLASH Modalities IV)</u>	<u>ORAL PRESENTATION SESSION 13: Late-breaking Abstracts I</u>	<u>ORAL PRESENTATION SESSION 14: Late-breaking Abstracts II</u>	
12:10 - 12:20	Short Break			
12:20 - 12:50	<u>FLASH Teaching Lecture:</u> The AI Era in Radiobiology TBA			
12:50 - 14:05	Lunch Break	12:50 - 13:50 Industry Sponsored Session	12:50 - 13:50 Industry Sponsored Session	Lunch Break
14:05 - 14:35	<u>FLASH Modalities</u> Photon FLASH: Revisiting Temporal and Spatial Fractionated Radiation Therapy John Wong (USA)			
14:35 - 14:45	Short Break			
14:45 - 15:15	<u>FLASH in Pre-Clinical and Clinical Settings</u> Preclinical in Vivo- Tg Mouse David Kirsch (Canada)			
15:20 - 16:20	<u>E-Poster Discussion #7-8</u> Exhibition Area			
16:20-16:30	Networking Time, E-Poster Viewing in the Exhibition Area			
16:30-17:00	<u>FLASH in Pre-Clinical and Clinical Settings</u> Title TBC Lesley Jarvis (USA)			
17:00-17:15	Short Break			

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17:15-18:15	<p><u>Balloon Debate:</u> The Biggest Advance in Radiotherapy in the Next <u>10 Years Will Come From...?</u></p> <p>FLASH TBA</p> <p>SFRT Christian Fernandez (Switzerland)</p> <p>Combination Treatments Sana Karam (USA)</p> <p>AI TBA</p>			
18:15-18:30		Short Break		
18:30 - 19:00	<p><u>Closing Ceremony</u> Announcing the Best Oral Awards & Best E-Poster Awards</p>			