



FRPT (Flash Radiotherapy and Particle Therapy) Conference 2021

Onsite Event – Programme at a Glance

All sessions are scheduled in Central European Time (CET)

Legend:

Plenary Session	Industry Sponsored Session	Social Events
FLASH Modalities Track	FLASH Mechanisms Track	FLASH in the Clinic Track
INSPIRE	FLASH Teaching Lectures	UHD Pulse

*The programme remains subject to change.

**Updated as of 22 June 2021.



Wednesday, 1st December 2021 – DAY 1

Time (CET)	Hall A	Hall B	Hall C
08:00 - 09:00	Welcome Words & Plenary Opening Lecture Chair: Karen Kirkby, UK Speaker: Marie-Catherine Vozenin, Switzerland		
09:00 - 09:10	Short Break		
09:10 - 10:10	FLASH Mechanisms: Biology In Vivo (09:10 - 09:40) Chair: Karen Kirkby, UK Biology of FLASH-RT in Vivo Speaker: Pierre Montay-Gruel, USA		
	Flash in the Clinic: Treatment Planning (09:40 - 10:10) Chair: Karen Kirkby, UK Speaker: Tony Lomax, Switzerland		
10:10 - 10:30	Coffee Break		
10:30 - 11:30	FLASH Modalities: Electrons (Oral presentations)	FLASH Mechanisms: Biology: (Oral presentations)	FLASH in the Clinic: Treatment Planning (Oral presentations)
11:30 - 12:30	E-Poster Discussions at the Exhibition Area		
12:30 - 13:30	Lunch Break Visit the Exhibition Area, E-Poster Viewing at the Exhibition		
	Industry Sponsored Session (not included in main event CME/CPD credit)		
13:30 - 13:40	Short Break		

13:40 - 14:40	FLASH Modalities: Protons and Carbon Ions (13:00 - 13:30) Chair: Marie-Catherine Vozenin, Switzerland Speaker: Marco Durante, Germany		
	FLASH in the Clinic: First Clinical Trial (13:30 - 14:00) Chair: Marie-Catherine Vozenin, Switzerland Translation of Proton FLASH to Clinical Trials: The FAST Roadmap Speaker: Ricky Sharma, USA		
14:40 - 14:50	Hall Change Break		
14:50 - 15:50	FLASH Modalities (INSPIRE): Protons & Ions (Oral presentations)	Dosimetry (UHD Pulse): (Oral presentations)	FLASH in the Clinic: Clinical Trials (Oral presentations)
15:50 - 16:20	Coffee Break		
16:20 - 17:50	FLASH Modalities: Photons (16:20 - 16:50) Speaker: Sami Tantawi, USA		
	FLASH Mechanisms: Chemistry (16:50 - 17:20) Chemical Mechanism of FLASH-RT Speaker: Douglas Spitz, USA		
	Flash in the Clinic: QA and Dosimetry (17:20 - 17:50) FLASH RT: Current Status of Dosimetry, QA, Challenges and the Need for Further Developments Speaker: Anna Subiel, UK		
17:50 - 18:00	Short Break		
18:00 - 19:00	FLASH Modalities: Photons (Oral presentations)	FLASH Mechanisms: Chemistry (Oral presentations)	FLASH in the Clinic: QA and Dosimetry (Oral presentations)
19:00 - Onwards	Welcome Reception Exhibition Area		



Thursday, 2nd December 2021 – DAY 2

Time (CET)	Hall A	Hall B	Hall C
08:30 - 09:00	FLASH Teaching Lecture: Chair: Andreas Schueller, Germany Dosimetry at Ultra-High Dose Rate and the Clinical Translation of the Procedures Speaker: Claude Ballat, Switzerland		
09:00 - 09:10	Short Break		
09:10 - 10:40	FLASH Modalities: New Horizons (09:10 - 09:40) Chair: Andreas Schueller, Germany Speaker: Billy Loo, USA		
	FLASH Mechanisms: Physics (09:40 - 10:10) Chair: Andreas Schueller, Germany Modelling the Mechanisms of the FLASH Effect Speaker: Jan Schuemann, USA		
	FLASH in the Clinic: Animal Patients (10:10 - 10:40) Chair: Andreas Schueller, Germany FLASH Radiotherapy Treatment of Canine Patients Speaker: Kristoffer Petersson, UK		
10:40 - 11:00	Coffee Break		
11:00 - 12:00			

	FLASH Modalities: New Horizons (Oral presentations)	FLASH Mechanisms: Physics (Oral presentations)	FLASH in the Clinic: Animal patients (Oral presentations)
12:00 - 13:30	Lunch Break Visit the Exhibition Area, E-Poster Viewing at the Exhibition		
	Industry Sponsored Session (12:10 - 13:10) (not included in main event CME/CPD credit)		Industry Sponsored Session (12:10 - 12:40) (not included in main event CME/CPD credit)
13:30 - 15:00	FLASH Modalities: Laser Driven Beams (13:30 - 14:00) Laser-Driven Ion Beams and Ultra-High Dose Rate Radiobiology Speaker: Marco Borghesi, UK		
	FLASH Mechanisms: New Horizons (14:00 - 14:30) New Horizons Related to the Biology of FLASH-RT Speaker: Charlie Limoli, USA		
	FLASH in the Clinic: Treatment (14:30 - 15:00) Speaker: John Breneman, USA Speaker: Anthony Mascia, USA		
15:00 - 15:10	Hall Change Break		
15:10 - 16:10	FLASH Modalities: Laser Driven Beams (Oral presentations)	FLASH Mechanisms: New Horizons (Oral presentations)	FLASH in the Clinic: Treatment (Oral presentations)
16:10 - 16:40	Coffee Break		
16:40 - 17:10	MedAustron Q&A Session		
17:10 - 17:20	Short Break		
17:20 - 18:20	E-Poster Discussions at the Exhibition Area		
18:20 - 19:20	Debate Invited Panel		
19:30 - Onwards	Vendor Events		



Friday, 3rd December 2021 – DAY 3

Time (CET)	Hall A	Hall B	Hall C
08:30 - 09:00	<p>FLASH Teaching Lecture: Chair: Marie Dutreix, France Clinical Application of FLASH-R Speaker: Jean Bourhis, Switzerland</p>		
09:00 - 10:30	<p>FLASH Modalities: VHEE (09:00 - 09:30) Chair: Marie Dutreix, France VHEE and FLASH Radiotherapy Plans and Future Prospects Speaker: Roger Jones, USA</p>		
	<p>FLASH Mechanisms: Investigation of the Mechanism (09:30 - 10:00) Chair: Marie Dutreix, France What Can We Learn From In Vitro Models? Speaker: Charles Fouillade, USA</p>		
	<p>Special Session: Spacial Fractionation (10:00 - 10:30) Chair: Marie Dutreix, France Exploring Space and Time in Radiation Therapy: Spatially Fractionated Radiation Therapy as an Alternative to FLASH Speaker: Yolanda Prezado, France</p>		
10:30 - 10:50	Coffee Break		

10:50 - 11:50	FLASH Modalities: VHEE (Oral presentations)	FLASH Mechanisms: Investigation of the Mechanism (Oral presentations)	Spacial Fractionation (Oral presentations)
11:50 - 12:00	Short Break		
12:00 - 13:00	FLASH in the Clinic: Mechanism & Spot Scanning (12:00-12:30) Chair: Rob Coppes, Netherlands Speakers: Eric Abel, USA Michael Folkerts, USA Matthew Lowe, UK Beth Rothwell, UK		
	FLASH in the Clinic: Mechanism & Spot Scanning (12:30 - 13:00) (Oral presentations)		
13:00 - 14:30	Lunch Break Visit the Exhibition Area, E-Poster Viewing in the Exhibition Hall		
	Industry Sponsored Session (not included in main event CME/CPD credit)	Industry Sponsored Session (not included in main event CME/CPD credit)	Industry Sponsored Session (not included in main event CME/CPD credit)
14:30 - 15:30	Protons (INSPIRE): (Oral presentations)	Late Breaking abstracts (Oral presentations)	Dosimetry (UHD Pulse): (Oral presentations)
15:30 - 16:00	Coffee Break		
16:00 - 17:00	E-Poster Discussions at the Exhibition Area		
17:00 - 18:00	Balloon Debate		
18:00 - 18:30	Closing Ceremony Best Oral Awards Best Poster Awards		
19:00 - Onwards	Networking Dinner		