

Featuring the **HYPERSCINT™** Research Platform at the **2021 virtual COMP meeting**

ABSTRACTS TITLE, REFERENCE NUMBER AND AUTHOR (S)	INSTITUTION (S)	KEYWORDS
<p>Investigation of the Hyperscint™ Plastic Scintillation Dosimetry System Performance in a 15 MeV electron beam at FLASH dose rates </p> <p>C Mendez, P Petric, T Karan, C Duzenli</p> <ul style="list-style-type: none"> • Session 1D-2, 13h00 - 2021 June 22nd • Presentation by Cheryl Duzenli from BC Cancer 	<p>BC Cancer Vancouver, BC, Canada</p>	<p>Flash RT, electron MV, real-time dosimetry, high dose rate, energy independence</p>
<p>Characterization of a Novel Plastic Scintillator for Instant Real-Time Dosimetry in Electron FLASH-RT </p> <p>Y Poirier¹², J Xu¹, A Ahmady¹, S Mossahebi¹, H Zhang¹, F Therriault-Proulx³, A Sawant¹</p> <ul style="list-style-type: none"> • Session 1D-4, 13h00 - 2021 June 22nd • Speaker : Yannick Poirier from the McGill University - University of Maryland School of Medicine 	<ol style="list-style-type: none"> 1. University of Maryland School of Medicine, MD, USA 2. McGill University, QC, CA 3. Medscint, QC, CA 	<p>Flash RT, electron MV, real-time dosimetry, high dose rate, energy independence</p>
<p>Small field dosimetry of a Varian TrueBeam High Definition MLC linear accelerator using the Hyperscint RP200 scintillation detector </p> <p>L Gingras¹, B Côté³, F Berthiaume³, S Lambert-Girard³, D Leblanc¹, L Archambault¹², L Beaulieu¹², F Therriault-Proulx³</p> <ul style="list-style-type: none"> • Session 6C-6, 13h00 - 2021 June 25th • Speaker : Luc Gingras from the CHU de Québec - Université Laval 	<ol style="list-style-type: none"> 1. CHU de Québec - Université Laval, QC, CA 2. Département de radio-oncologie et Axe Oncologie du CRCHU de Québec, QC, CA 3. Medscint, QC, CA 	<p>Small fields, machine QA, phantom QA, energy and angular independence</p>
<p>Development and characterization of an optical fiber-based Cerenkov dosimeter </p> <p>E Jean¹, S Lambert-Girard³, F Therriault-Proulx³, L Beaulieu¹²</p> <ul style="list-style-type: none"> • Poster 16 	<ol style="list-style-type: none"> 1. CHU de Québec - Université Laval, QC, CA 2. Département de radio-oncologie et Axe Oncologie du CRCHU de Québec, QC, CA 3. Medscint, QC, CA 	<p>Cerenkov dosimeter, advanced optical dosimetry</p>

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