

Silicon Detectors for Real-Time Dosimetry in Radiation Therapy

Thursday, 18 October 2018 09:30 (30 minutes)

The evolution of silicon sensors for real-time radiation dosimetry is essential for new cancer treatments that incorporate small or mixed radiation fields. At the Centre for Medical Radiation Physics, University of Wollongong, Australia, such sensors are being designed, developed and tested in a wide variety of radiation oncology modalities including megavoltage radiotherapy, brachytherapy, proton therapy and heavy ion therapy at cancer treatment facilities around the world. This talk will provide an overview of the current status of developments.

Primary author: Prof. LERCH, Michael (Univeristy of Wollongong)

Presenter: Prof. LERCH, Michael (Univeristy of Wollongong)

Session Classification: X-ray detectors - 1