Symposium on Radiochromic & Solving User Applications within Radiotherapy

June 24, 2017
7:30am – 3:15pm

Synopsis

A one-day radiotherapy educational seminar focusing on the application of radiochromic film for various dose verification requirements. It is known that newer advanced modalities increase accuracy while minimizing toxicity. These include SRS, SBRT, VMAT, MRI guided treatments, and Proton therapy that incorporate small field targeting, amplified gradients with volumetric dose advances that creates new challenges. Thorough and just as accurate verification of the treatment plan, for these new advanced modalities, presents additional challenges. This symposium will explore and demonstrate the latest radiochromic expedited protocols that can truly measure and help the medical physicist identify the best optimal efficiencies of these new modalities so to extract the best that they can provide.

Location	1005 US Hwy. 202/206, Bridgewater, NJ 08807; Bldg L Auditorium. *When arriving, please park and enter Bldg N. Signage will help direct you.*

7:30 am — **Greet & Welcoming Continental Breakfast**

8:00 am — **Ashland, Inc. Welcome Address**
Dr. Osama Musa, VP & Chief Technology Officer
Ashland, Inc

8:15 am — **Do's and Don'ts of Radiochromic Film Dosimetry**
Michael Grams, Ph.D. Assistant Professor of Medical Physic

9:15 am — **One Scan Dosimetry, Across Multimodalities of Radiotherapy Delivery**
Maria Chan, Ph. D. Attending Medical Physicist
Memorial Sloan Kettering Cancer Center

10:15 am — **Use of Radiochromic Film in Proton Therapy**
Nicholas Remmes, Ph. D. Instructor in Medical Physics
Mayo Clinic

11:15 am — **Demonstration of Gaf/FilmQA PRO Recommended Protocol**
Mr. Resat Aydin, Sr. Application/Trainer
Ashland, Inc.

12:15 am — **Lunch Buffet**
Ashland

1:15 pm — **MRI Driven Radiation Treatment Planning**
Minsong Cao, Ph.D. Medical Physicist
UCLA Medical Center

2:15 pm — **Brachytherapy QA/In-Vivo QA/Total Skin Electron Therapy**
Dr. Tony Palmer, Consultant Clinical Scientist
Head of Radiotherapy Physics
Portsmouth Hospitals, NHS Trust