

**Workshop on the Implementation of the International code of Practice for the Dosimetry of Static Small Fields
Used in Radiotherapy
Thursday, December 10 - Monday, December 14**

	Thursday, Dec 10 (Location: BLD 241, Room A323, Argonne)	Friday, Dec 11 (Location: BLD 241, Room D172 @ Argonne (8AM-1PM) and BLD 223, Auditorium B002 @ Argonne (1PM-5PM))	Saturday, Dec 12 (Location: DCAM)	Sunday, Dec 13 (Location: DCAM)	Monday, Dec 14 (Location: Hyatt Hotel Conference Room)
9:00 AM	Welcome to ANL & ANL Site Safety Briefing - T.Sofu, T. Kekelik	Introduction to University of Chicago radiotherapy department and safety talk. (practical groups, leader to present data,...) - K. Yenice	All lecturers	All lecturers	Dosimetric errors of radiotherapy techniques involving small fields - K. Christaki
9:45 AM	TRS 398 & TG51 addendum (FFF, chamber types, uncertainties)- K. Christaki, C. Reft	Overview of existing and emerging small field technologies. (general then focus on small fields Tomo, Cyberknife, gamma knife, MLC based Cyberknife.....) - S. Huq			Each group gives presentation of report from the practical sessions and discussion. - K. Christaki, J. Seuntjens, C. Reft, K. Yenice
10:45 AM	Coffee/Tea Break				
11:00 AM	Physics and challenges of small fields MV photon beams. - T. Zhu	Uncertainties associated with using the small field Code of practice. - J. Seuntjens	All lecturers	All lecturers	Each group gives presentation of report from the practical sessions and discussion.. - K. Christaki, J. Seuntjens, C. Reft, K. Yenice
11:45 AM	Introduction to the new IAEA/AAPM code of practice for dosimetry of static small photon fields - J. Seuntjens	Machine acceptance and quality assurance - T. Zhu			
12:00 PM					
12:45 PM	Lunch Break				
1:00 PM	Lunch Break				
1:15 PM	Reference dosimetry measurements (general, influence quantities, noise, leakage.....) - C. Reft	Output factors. Definition, measurement and corrections - S. Huq	All lecturers	All lecturers	Course test
2:00 PM					
2:15 PM	Discussion on test and course feedback				
2:45 PM	Small field detectors. small field detectors, plastic phantoms - C. Reft	Relative Dose Measurement: Profiles, Penumbra, and Depth Functions - S. Huq			
3:45 PM	Coffee/Tea Break				
4:00PM	Treatment planning systems (requirements, limitations in small fields)- K. Yenice	Absorbed dose to water standards for small fields- J. Seuntjens	All lecturers	All lecturers	Closing Ceremony
5:00PM	Dismissal				