

Time	Mon	Tue	Wed	Thu	Fri
8:00-9:00	Registration & Welcome address				
9:00-10:00	Monte Carlo codes for radiation calculation (Dr. H. Iwase)	EGS5 example calculation (Dr. H. Iwase)	EGS5 Coding 4 Material and Geometry (Dr. H. Iwase)	EGS5 radiation detector simulation 1 Modeling NaI scintillator (Dr. H. Iwase)	CZT Detector response simulation with EGS5 1 Modeling CZT detector (Dr. H. Iwase)
10:00-10:30	Coffee Break				
10:30-11:30	EGS5 models Photon and electron Monte Carlo simulation (Dr. H. Iwase)	Cgview & Angel practice (Dr. H. Iwase)	EGS5 Coding 5 Source 2 (pencil, parallel, cone, energy distributed) (Dr. H. Iwase)	EGS5 radiation detector simulation 2 NaI scintillator and the tallies (Dr. H. Iwase)	CZT Detector response simulation with EGS5 2 CZT detector and the tallies (Dr. H. Iwase)
11:30-12:30	EGS5, cgview and Angel installation (Dr. T. Furuta & H.Iwase)	EGS5 coding 1 structures & Fortran basics (Dr. H. Iwase)	EGS5 Coding 6 Source 3(volume source, and various radiation sources) (Dr. H. Iwase)	EGS5 radiation detector simulation 3 NaI scintillator spectrum for various radiation sources (Dr. H. Iwase)	CZT Detector response simulation with EGS5 3 CZT detector response with Cs-137 and others (Dr. H. Iwase)
12:30-14:00	Lunch				
14:00-15:00	Monte Carlo radiation calculation by hand 1 (Dr. H. Iwase)	EGS5 Coding 2 Source 1 (description, isotropic source) (Dr. H. Iwase)	EGS5 Coding 7 Tally 2 (energy deposition) (Dr. H. Iwase)	EGS5 radiation detector simulation 4 Detection efficiency calculation for NaI as Becquerel detector (Dr. H. Iwase)	CZT Detector response simulation with EGS5 4 Comparison to measured data (Dr. H. Iwase)
15:00-15:30	Tea Break				
15:30-16:30	Monte Carlo radiation calculation by hand 2 (Dr. H. Iwase)	EGS5 Coding 3 Tally 1 (track length) (Dr. H. Iwase)	EGS5 tips shield.exe (Dr. H. Iwase)	EGS5 radiation detector simulation 5 Ionization chamber simulation (Dr. H. Iwase)	Discussion, Q and A (Dr. Hiroshi Iwase)