



# Nuclear Physics & Astrophysics at CERN - NuPAC

## Tuesday 11 October 2005

**Applications: material science, life sciences and nuclear technologies - 503-1-001: SALLE DU CONSEIL (15:30 - 19:00)**

-Conveners: Manfred Deicher; Enrique Gonzalez; Yacine Kadi

time	[id] title	presenter
15:30	[21] Introduction to solid state physics at ISOLDE	Prof. WICHERT, Thomas
15:45	[22] High-lights of solid state physics at ISOLDE	Dr WAHL, Ulrich
16:10	[23] New developments in solid state physics using radioactive ions	Prof. HOFSSÄSS, Hans Christian
16:35	[24] Life sciences at ISOLDE	Prof. BUTZ, Tilman
17:00	break	
17:20	[25] Medical Applications of radioactive ion beams	Dr BEYER, Gerd
17:45	[27] Nuclear data needed to develop new nuclear systems, role of n_TOF facilities to measure resonance cross sections and nuclear data needs of thorium fuel cycle	Prof. GANESAN, SRINIVASAN
18:10	[28] Neutronic requirements for fusion relevant reactor material irradiations	Dr FISCHER, Ulrich
18:35	[26] Link between fundamental and applied research in the field of nuclear data	Prof. BLOMGREN, Jan