

Jan. 27 (Wed.)

Session 5: Physics and Clocks		Chair: Masao Takamoto (RIKEN)
9:30-10:10(40)	Entanglement of 3000 atoms by one photon Vladan Vuletić (MIT)	
10:10-10:50(40)	Precise control and probe of ultracold ytterbium atoms in an optical lattice Yoshiro Takahashi (Kyoto Univ.)	
10:50-11:30(40)	Linking Time to Ultracold Yb Physics Massimo Inguscio (INRiM)	
11:30-11:45	Coffee Break	
11:45-12:25(40)	The Scattering of Coherent Superpositions of Clock States and Precision Measurements Kurt Gibble (Penn State Univ.)	
12:25-13:05(40)	Interfacing ultra-cold atoms and solids József Fortágh (Universität Tübingen)	
13:05-13:10(05)	Closing address Mitsuyuki Ueda (MEXT)	
13:10-13:15(05)	Closing remarks Hidetoshi Katori (UTokyo/RIKEN)	
13:15-14:20	Lunch	
14:20-15:30	To RIKEN	
15:30-18:30	Katori Lab. Tour	