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## "Kaon Rare Decay Experiments"

from **Wednesday 05 March 2008 (08:00)**  
to **Thursday 06 March 2008 (23:00)**

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11:00->12:30 **Joint Session on the Hadron Experimental Facility**

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09:00->10:30 **introduction, K+ experiments**

09:00 scope of this workshop (10') Takeshi K. Komatsubara (*KEK*)

09:10 Status of the CERN K+ experiments (30') Paolo Valente (*INFN Roma*)

09:40 TREK experiment at J-PARC (30') Jun Imazato (*KEK*)

10:10 discussions for the new K+ beamlines at J-PARC (20')

10:30 break

11:00->12:30 **KL experiments (1)**

11:00 Run-2 results from E391a and prospects for the Run-3 analysis GeiYoub Lim (*KEK*) (15')

11:15 Background contribution in the E14 experiment (30') Koji Shiomi (*Kyoto*)

11:45 KL beamline for E14 (1) (15') GeiYoub Lim (*KEK*)

12:00 KL beamline for E14 (2) (15') Tadashi Nomura (*Kyoto*)

12:15 KL beamline for E14 (3) (15') Tetsu Shimogawa (*Saga*)

12:30 Lunch

13:30->15:00 **theory, long-range programs**

13:30 Physics beyond the SM in Kaon Decays --theory-- (30') Yasuhiro Okada (*KEK*)

14:00 Reports from the Kaon Working Group at the FNAL Project-X workshop (15') Taku Yamanaka (*Osaka*)

14:15 Long-range kaon program at CERN (15') Paolo Valente (*INFN Roma*)

14:30 Issues for the long-range kaon program at J-PARC (15') Takeshi K. Komatsubara (*KEK*)

14:45 discussions for the new kaon-decay facilities at J-PARC (15')

15:00 break

15:30->18:30 **KL experiments (2)**

15:30 New algorithm for shower shape discrimination in the calorimeter (30')	Kazufumi Sato ( <i>Osaka</i> )
16:00 Waveform digitization techniques in KL experiments (30')	Eito Iwai ( <i>Osaka</i> )
16:30 New photon detector (20')	Takao Shinkawa ( <i>NDA</i> )
16:50 New photosensors (20')	Yasuhisa Tajima ( <i>Yamagata</i> )
17:10 Simulations for super rare-decay experiments (20')	Hajime Nanjo ( <i>Kyoto</i> )
17:30 Considerations on bunched-beam/TOF/large-angle extraction/... (20')	Tadashi Nomura ( <i>Kyoto</i> )
17:50 Prospects for Phase-2 (20')	Taku Yamanaka ( <i>Osaka</i> )
18:10 discussions for the summary talk (20')	Takeshi K. Komatsubara ( <i>KEK</i> )
18:30 ----- adjourn -----	