

POSIPOL 2014

Wednesday 27 August 2014

Registration - Conference Room, 1st floor (08:30-09:00)

Registration Fee: 15,000 yen/participant (including Banquet)

We only accept Japanese yen in cash. (NO Credit card accepted, Exact change is appreciated)

Welcome - Conference Room, 1st floor (09:00-09:30)

- Conveners: TAKAHASHI, Tohru (Hiroshima Univ.)

time	title	presenter
09:00	Welcome	NARITA, Shinya (IWATE-Univ.)
09:10	Workshop Charge	YOKOYA, Kaoru (KEK)

Polarized Electron Source - Conference Room, 1st floor (09:30-10:00)

- Conveners: TAKAHASHI, Tohru (Hiroshima Univ.)

time	title	presenter
09:30	Development of High QE and High polarization photocathode	YAMAMOTO, Naoto (Nagoya Univ.)

FEL - Conference Room, 1st floor (10:00-10:30)

- Conveners: TAKAHASHI, Tohru (Hiroshima Univ.)

time	title	presenter
10:00	High Power Lasing in the ISIR THz-FEL at Osaka University	KATO, Ryukou (Osaka Univ.)

Coffee Break - Conference Room, 1st floor (10:30-11:00)

Hybrid and channeling - Conference Room, 1st floor (11:00-11:30)

- Conveners: SIEVERS, Peter (CERN/ESSS)

time	title	presenter
11:00	Production of polarized e+ by polarized electrons in hybrid target.	POTYLITSYN, Alexander (TPU)

Undulator(Baseline) - Conference Room, 1st floor (11:30-12:30)

- Conveners: SIEVERS, Peter (CERN/ESSS)

time	title	presenter
11:30	Overview of the Undulator e+ source	GAI, Wei (ANL)
12:00	Target R/D Status	GRONBERG, Jeffrey (LLNL)

Lunch - (12:30-14:00)

Undulator(Baseline) - Conference Room, 1st floor (14:00-16:00)**- Conveners: RIEMANN, Sabine (DESY)**

time	title	presenter
14:00	Simulations for the photon target cooled by radiation	USHAKOV, Andriy (Univ. of Hamburg)
14:30	A fast, radiation cooled wheel for pol. e+ via the undulator	SIEVERS, Peter (CERN/ESSS)
15:00	Imbalances of the spinning wheel & reduce the rotation velocity	STAUFENBIEL, Friedrich (DESY)
15:30	ILC target design study	GAI, Wei (ANL)

Coffee Break - Conference Room, 1st floor (16:00-16:30)**Undulator(Baseline) - Conference Room, 1st floor (16:30-18:00)****- Conveners: KURIKI, Masao (Hiroshima Univ.)**

time	title	presenter
16:30	Eddy current experiment	AYASH ALRASHDI (Lancaster Univ.)
17:00	Discussion on the Target R/D	ALL

Thursday 28 August 2014

Compton X-ray/gamma/e+ - Conference Room, 1st floor (08:30-10:30)

- **Conveners:** USHAKOV, Andriy (Univ. of Hamburg)

time	title	presenter
08:30	Compact Gamma-Beam Source for Nuclear Security Technologies.	GLADKIKH, Peter (NSC KIPT)
09:00	Polarized e+ production; Proof-of-principle experiments	BULYAK, Yevgen (NSC KIPT)
09:30	Laser cavity stacking R at Orsay	ZOMER, Fabian (CNRS/Universite Paris-Sud)
10:00	e+ source based on Compton scattering with FEL & 4 mirror cavity	URAKAWA, Junji (KEK)

Coffee Break - Conference Room, 1st floor (10:30-11:00)

Compton X-ray/gamma/e+ - Conference Room, 1st floor (11:00-12:30)

- **Conveners:** ZOMER, Fabian (CNRS/Universite Paris-Sud)

time	title	presenter
11:00	ATF CavityCompton overview	TAKAHASHI, Tohru (Hiroshima Univ.)
11:30	ATF CavityCompton detail	UESUGI, Yuuki (Hiroshima Univ.)
12:00	Proposal of gamma-ray light source based on inverse Compton scattering with infrared light	SHIMADA, Miho (KEK)

Lunch - Conference Room, 1st floor (12:30-13:30)

Excursion - GEIBI Valley etc. (13:30-18:00)

Banquet - Kuraston (19:00-21:00)

Friday 29 August 2014

Effect of Beams on Material - Conference Room, 1st floor (08:30-09:30)

- Conveners: STAUFENBIEL, Friedrich (DESY)

time	title	presenter
08:30	Dynamic stress in the extraction window of SuperKEKB	KIKUCHI, Mitsuo (KEK)
09:00	Target material tests	RIEMANN, Sabine (DESY)

Conventional e+ source: ILC - Conference Room, 1st floor (09:30-10:30)

- Conveners: STAUFENBIEL, Friedrich (DESY)

time	title	presenter
09:30	Overview of the conventional source & R/D issues	OMORI, Tsunehiko (KEK)
10:00	300 Hz linac Simulation	KURIKI, Masao (KEK)

Coffee Break - Conference Room, 1st floor (10:30-11:00)

Conventional e+ source: ILC - Conference Room, 1st floor (11:00-12:30)

- Conveners: GRONBERG, Jeffrey (LLNL)

time	title	presenter
11:00	300 Hz linac Test	URAKAWA, Junji (KEK)
11:30	Pendulum Target	TAKAHASHI, Tohru (Hiroshima Univ.)
12:00	Rotation Target	OMORI, Tsunehiko (KEK)

Lunch - (12:30-14:00)

Conventional e+ source: ILC - Conference Room, 1st floor (14:00-16:00)

- Conveners: GAI, Wei (ANL)

time	title	presenter
14:00	Footprint compatibility	OMORI, Tsunehiko (KEK)
14:30	Design and thermal shock in conventional e+ production targets	SIEVERS, Peter (CERN/ESSS)
15:00	Basic study on vibration of positron source target	JIN, Song (IHEP)
15:30	Target stress analysis	DIETRICH, Felix (TH-Wildau)

Coffee Break - Conference Room, 1st floor (16:00-16:30)

Conventional e+ source: Super KEKB - Conference Room, 1st floor (16:30-17:00)

- Conveners: YOKOYA, Kaoru (KEK)

time	title	presenter
16:30	SuperKEKB e+ source	KAMITANI, Takuya (KEK)

Conventional e+ source: Discussion - Conference Room, 1st floor (17:00-17:40)

- **Conveners: YOKOYA, Kaoru (KEK)**

Summary - Conference Room, 1st floor (17:40-18:00)

- **Conveners: YOKOYA, Kaoru (KEK)**

time	title	presenter
17:40	POSIPOL 2015 venue	OMORI, Tsunehiko (KEK)
17:45	Workshop Summary	GAI, Wei (ANL) KURIKI, Masao (Hiroshima Univ.)