

# Workshop FJPPL'07



## Report of Contributions

Contribution ID: 2

Type: **not specified**

## **D\_R&D\_1: A common R&D on the new generation detector for the ILC**

*Wednesday, May 9, 2007 10:00 AM (30 minutes)*

**Primary authors:** BRIENT, Jean-Claude (IN2P3/CNRS); KAWAGOE, Kiyotomo (Kobe University)

**Presenter:** KAWAGOE, Kiyotomo (Kobe University)

**Track Classification:** Detector R&D

Contribution ID: 3

Type: **not specified**

## **D\_R&D\_2: R&D and Application of TPC technology**

*Wednesday, May 9, 2007 10:30 AM (30 minutes)*

**Primary authors:** SUGIYAMA, Akira (Saga University); COLAS, Paul (CEA/DSM/DAPNIA)

**Presenter:** COLAS, Paul (CEA/DSM/DAPNIA)

**Track Classification:** Detector R&D

Contribution ID: 4

Type: **not specified**

## **D\_R&D\_3: R&D for new photon detector**

*Wednesday, May 9, 2007 11:30 AM (30 minutes)*

**Primary authors:** CAMPAGNE, Jean-Eric (LAL/CNRS/IN2P3); NAKAMURA, Kenzo (KEK)

**Co-authors:** DE LA TAILLE, Christophe (LAL); TANAKA, Manobu (KEK)

**Presenters:** DE LA TAILLE, Christophe (LAL); NAKAMURA, Kenzo (KEK); TANAKA, Manobu (KEK)

**Track Classification:** Detector R&D

Contribution ID: 5

Type: **not specified**

## **D\_R&D\_4: R&D on the new generation of large area Si tracking system**

*Wednesday, May 9, 2007 12:00 PM (30 minutes)*

**Primary authors:** SAVOY-NAVARO, Aurore (LPNHE/IN2P3/CNRS); YAMAMOTO, Hitoshi (Tohoku University)

**Presenter:** SAVOY-NAVARO, Aurore (LPNHE/IN2P3/CNRS)

Contribution ID: 6

Type: **not specified**

## **D\_R&D\_5: R&D on novel pixel devices**

**Primary authors:** WINTER, Marc (IRES/IN2P3/CNRS); ARAI, Yasuo (KEK)

Contribution ID: 7

Type: **not specified**

## **D\_R&D\_6: R&D on liquid xenon detector technology**

*Wednesday, May 9, 2007 2:00 PM (30 minutes)*

**Primary authors:** THERS, Dominique (Subatech/IN2P2/CNRS); HARUYAMA, Tomiyoshi (KEK)

**Presenters:** THERS, Dominique (Subatech/IN2P2/CNRS); HARUYAMA, Tomiyoshi (KEK)

Contribution ID: 8

Type: **not specified**

## LHC\_2: ATLAS Computing

*Wednesday, May 9, 2007 2:30 PM (30 minutes)*

**Primary authors:** BOUTIGNY, Dominique (CCIN2P3/IN2P3/CNRS); MASHIMO, Tetsuro (ICEPP (Un. Tokyo))

**Presenter:** MASHIMO, Tetsuro (ICEPP (Un. Tokyo))



Contribution ID: 9

Type: **not specified**

## **LHC\_3: Superconducting Magnets for LHC Accelerator Upgrade**

*Wednesday, May 9, 2007 3:00 PM (30 minutes)*

**Primary authors:** YAMAMOTO, Akira (KEK); DEVRED, Arnaud (CEA/DSM/DAPNIA)

**Presenter:** YAMAMOTO, Akira (KEK)

Contribution ID: **10**

Type: **not specified**

## **B\_1: Development of the software package CKMfitter**

*Wednesday, May 9, 2007 3:30 PM (30 minutes)*

**Primary authors:** ITOH, Ryosuke (KEK); T'JAMPENS, Stephane (LAPP/IN2P3/CNRS)

**Presenters:** ITOH, Ryosuke (KEK); T'JAMPENS, Stephane (LAPP/IN2P3/CNRS)

Contribution ID: 11

Type: **not specified**

## **B\_2: Contributions to B physics**

*Wednesday, May 9, 2007 4:30 PM (30 minutes)*

**Primary authors:** ACHILLE STOCCHI, Achille Stocchi (LAL/IN2P3?CNRS); HAZUMI, Masashi (KEK)

**Presenter:** HAZUMI, Masashi (KEK)

Contribution ID: 12

Type: **not specified**

## **Nu\_1 & Nu\_1\_2: R&D of neutrino beam production for future (Multi-)MW proton facility: T2K beam line and hadron production measurements**

*Wednesday, May 9, 2007 5:00 PM (30 minutes)*

**Primary authors:** CHARRIER, Jean-Paul (DAPNIA-SIS CEA); KOBAYASHI, Takashi (KEK)

**Co-authors:** MOLINIE, Frederic (DANIA/DSM/CEA); OGITSU, Toru (KEK)

**Presenter:** KOBAYASHI, Takashi (KEK)

Contribution ID: 13

Type: **not specified**

## **Nu\_2: R&D of detectors for future high statistics, high precision experiment**

*Wednesday, May 9, 2007 6:00 PM (30 minutes)*

**Primary authors:** ZITO, Marco (DAPNIA/SPP/CEA); NAKAYA, Tsuyoshi (Kyoto University)

**Co-author:** TSUKAMOTO, Toshifumi (KEK)

**Presenters:** ZITO, Marco (DAPNIA/SPP/CEA); TSUKAMOTO, Toshifumi (KEK)

Contribution ID: 14

Type: **not specified**

## **Nu\_2-WP2: R&D of detectors for future high statistics, high precision experiment (R&D for reactor anti-neutrino experiments)**

*Wednesday, May 9, 2007 6:30 PM (30 minutes)*

**Primary authors:** SUEKANE, Fumihiko (Tohoku Univ.); DE KERRET, Hervé (APC/IN2P3/CNRS)

**Co-author:** MOTTA, Dario (CEA)

**Presenters:** MOTTA, Dario (CEA); SUEKANE, Fumihiko (Tohoku Univ.)

Contribution ID: 15

Type: **not specified**

## **SDA\_1: Event generators and Higgs Physics at LHC**

*Thursday, May 10, 2007 9:30 AM (30 minutes)*

**Primary authors:** GUILLET, Jean-Philippe (LAPTH/MPPU/CNRS); FUJIMOTO, Junpei (KEK); KURIHARA, Yoshimasa (KEK)

**Presenter:** KURIHARA, Yoshimasa (KEK)

Contribution ID: 16

Type: **not specified**

## **Comp\_3: GRID Interoperability**

*Thursday, May 10, 2007 10:00 AM (30 minutes)*

**Primary authors:** BOUTIGNY, Dominique (CCIN2P3/IN2P3/CNRS); KAWABATA, Setsuya (KEK)

**Presenter:** BOUTIGNY, Dominique (CCIN2P3/IN2P3/CNRS)



Contribution ID: 17

Type: **not specified**

## **A\_R&D\_1: Applications of a high finesse Fabry Perot Cavity for the ILC**

*Thursday, May 10, 2007 11:00 AM (30 minutes)*

**Primary authors:** ZOMER, Fabian (LAPP/IN2P3/CNRS); OMORI, Tsunehiko (KEK)

**Presenter:** OMORI, Tsunehiko (KEK)

Contribution ID: 18

Type: **not specified**

## **A\_R&D\_2: Design of the linear collider machine-detector interface and ATF-2 at KEK**

*Thursday, May 10, 2007 11:30 AM (30 minutes)*

**Primary authors:** BAMBADE, Philip (LAL/IN2P3/CNRS); TAUCHI, Toshiali (KEK)

**Co-author:** JEREMIE, Andrea (LAPP/IN2P3/CNRS)

**Presenter:** JEREMIE, Andrea (LAPP/IN2P3/CNRS)

Contribution ID: 19

Type: **not specified**

## **A\_R&D\_3: R&D on High Power Couplers for the ILC**

*Thursday, May 10, 2007 12:00 PM (30 minutes)*

**Primary authors:** ALESSANDRO VARIOLA, Alessandro Variola (LAL/IN2P3/CNRS); HITOSHI HAYANO, Hitoshi Hayano (KEK)

**Co-author:** JENHANI, Hassen (LAL/IN2P3/CNRS)

**Presenter:** JENHANI, Hassen (LAL/IN2P3/CNRS)

Contribution ID: **20**

Type: **not specified**

## **Registration**

*Wednesday, May 9, 2007 9:00 AM (30 minutes)*

Contribution ID: 21

Type: **not specified**

## Welcome

*Wednesday, May 9, 2007 9:30 AM (30 minutes)*

**Primary author:** SUZUKI, Atsuto (KEK DG)

**Presenter:** SUZUKI, Atsuto (KEK DG)

Contribution ID: 22

Type: **not specified**

## Summary: Detector R&D

*Friday, May 11, 2007 9:00 AM (30 minutes)*

**Primary author:** HABA, Junji (KEK)

**Presenter:** HABA, Junji (KEK)

Contribution ID: 23

Type: **not specified**

## Summary: B and neutrino Physics

*Friday, May 11, 2007 9:30 AM (30 minutes)*

**Primary author:** ZITO, Marco (DAPNIA/CEA)

**Presenter:** ZITO, Marco (DAPNIA/CEA)

Contribution ID: 24

Type: **not specified**

## Summary GRID and Computing

*Friday, May 11, 2007 10:30 AM (30 minutes)*

including the LHC-2

**Primary author:** SASAKI, Takashi (KEK)

**Presenter:** SASAKI, Takashi (KEK)



Contribution ID: 25

Type: **not specified**

## Summary: Accelerator R&D

*Friday, May 11, 2007 11:00 AM (30 minutes)*

Including LHC-3

**Primary author:** HAYANO, Hitoshi (KEK)

**Presenter:** HAYANO, Hitoshi (KEK)

Contribution ID: 26

Type: **not specified**

## Concluding remarks

*Friday, May 11, 2007 11:30 AM (30 minutes)*

**Primary authors:** TAKASAKI, Fumihiko (KEK); AUGUSTIN, Jean-Eudes (IN2P3/CNRS)

**Presenters:** TAKASAKI, Fumihiko (KEK); AUGUSTIN, Jean-Eudes (IN2P3/CNRS)

Contribution ID: 27

Type: **not specified**

## **Astro\_1: JEM-EUSO project**

*Thursday, May 10, 2007 9:00 AM (30 minutes)*

**Primary authors:** SHIMIZU, Hirohiko (KEK); GORODETZKY, Philippe (APC-IN2P3)

**Presenters:** SHIMIZU, Hirohiko (KEK); GORODETZKY, Philippe (APC-IN2P3)

Contribution ID: 28

Type: **not specified**

## **NU\_2-WP3: R&D of detectors for future high statistics, high precision experiment (R&D for neutrinoless double beta decay experiments)**

*Thursday, May 10, 2007 8:30 AM (30 minutes)*

**Primary authors:** PIQUEMAL, Fabrice (CENBG/IN2P3/CNRS); ISHIHARA, Nobuhiro (KEK)

**Presenter:** ISHIHARA, Nobuhiro (KEK)

Contribution ID: 29

Type: **not specified**

## **A\_RD\_4: A common R&D on the High Gradient Nb Cavities**

*Thursday, May 10, 2007 1:30 PM (30 minutes)*

**Primary authors:** VISENTIN, Bernard (DAPNIA/CEA); SAITO, Kenji (KEK)

**Co-author:** EOZENOU, Fabien (CEA)

**Presenter:** EOZENOU, Fabien (CEA)

Contribution ID: **30**

Type: **not specified**

## **Geant4 for biology (tentative title)**

Contribution ID: 31

Type: **not specified**

## **Bio\_1: New developments of the Geant4 Monte Carlo simulation toolkit**

*Thursday, May 10, 2007 2:00 PM (30 minutes)*

**Primary authors:** INCERTI, Sebastien (CENBG-IN2P3); SASAKI, Takashi (KEK)

**Presenter:** INCERTI, Sebastien (CENBG-IN2P3)

Contribution ID: 32

Type: **not specified**

## **Nu\_1: R&D of neutrino beam production for future (Multi-)MW proton facility: SC mag safety system**

*Wednesday, May 9, 2007 5:30 PM (30 minutes)*

**Primary authors:** DUMARCHEZ, Jacques (IN2P3/CNRS); CHARRIER, Jean-Paul (DAPNIA-SIS CEA); KOBAYASHI, Takashi

**Presenter:** CHARRIER, Jean-Paul (DAPNIA-SIS CEA)



Contribution ID: 36

Type: **not specified**

**(no title)**

*Saturday, May 12, 2007 7:20 AM (3h 30m)*

**Session Classification:** KEK-IN2P3 Directorate Meeting

Contribution ID: 37

Type: **not specified**

## **Post dead-line:Nu-Bio\_1 R&D of emulsion technology to study fragment interaction to improve ion therapy**

*Friday, May 11, 2007 8:30 AM (30 minutes)*

**Primary authors:** LAKTINEH, Imad (IN2P3/CNRS); Prof. NIWA, Kimio (Nagoya University)

**Co-author:** TOSHITO, Toshiyuki (KEK)

**Presenters:** Prof. NIWA, Kimio (Nagoya University); TOSHITO, Toshiyuki (KEK)