### SiLC meeting

### **Report of Contributions**

Contribution ID: 1 Type: not specified

#### R&D on sensors at HIP & VTT

Thursday, 2 February 2006 09:00 (30 minutes)

Primary author: RISTO ORAVA (HIP-Helsinki)

Presenter: RISTO ORAVA (HIP-Helsinki)

**Session Classification:** R&D Sensors

Contribution ID: 2 Type: not specified

# Design and R&D activities for the Future Linear collider in Valencia

Thursday, 2 February 2006 11:20 (20 minutes)

Primary author: CARLOS LACASTA (IFIC-CSIC/valencia)

**Presenter:** CARLOS LACASTA (IFIC-CSIC/valencia)

Session Classification: R&D Sensors

Welcome

Contribution ID: 3 Type: not specified

#### Welcome

Thursday, 2 February 2006 14:20 (15 minutes)

**Primary author:** AURORE SAVOY NAVARRO

**Presenter:** AURORE SAVOY NAVARRO

**Session Classification:** R&D Sensors

Contribution ID: 4 Type: **not specified** 

#### **R&D** on sensors in UK

Thursday, 2 February 2006 09:30 (30 minutes)

Primary author: TIM GREENSHAW (Liverpool University)

**Presenter:** TIM GREENSHAW (Liverpool University)

**Session Classification:** R&D Sensors

Contribution ID: 5 Type: **not specified** 

### Quality Test, present status and perspectives

Thursday, 2 February 2006 10:00 (30 minutes)

**Primary author:** FRANK HARTMANN (CERN and IEKPKarlsruhe)

**Presenter:** FRANK HARTMANN (CERN and IEKPKarlsruhe)

**Session Classification:** R&D Sensors

Contribution ID: 6 Type: **not specified** 

#### 3D semi-conductor radiation detector R&D at HIP

Thursday, 2 February 2006 10:50 (30 minutes)

Primary author: RISTO ORAVA & JUHA KALIOPUSKA (HIP Helsinki)

Presenter: RISTO ORAVA & JUHA KALIOPUSKA (HIP Helsinki)

**Session Classification:** R&D Sensors

Contribution ID: 7 Type: **not specified** 

### strip sensor charge collection simulation

Thursday, 2 February 2006 11:40 (15 minutes)

**Primary author:** ZDENEK DOLEZAL (Charles University in Prague)

**Presenter:** ZDENEK DOLEZAL (Charles University in Prague)

Session Classification: R&D Sensors

Contribution ID: 8

Type: not specified

### Composite materials for big support structure:experience with ALICE's ITS (Internal **Silicon Tracker)**

Thursday, 2 February 2006 12:20 (30 minutes)

**Primary author:** GIUSEPPE GIRAUDO (Torino University)

**Presenter:** GIUSEPPE GIRAUDO (Torino University)

**Session Classification:** R&D Sensors

Contribution ID: 9 Type: **not specified** 

### General plan and present situation with beam tests

Thursday, 2 February 2006 14:00 (20 minutes)

**Primary author:** ZDENEK DOLEZAL (Charles University in Prague)

**Presenter:** ZDENEK DOLEZAL (Charles University in Prague)

Session Classification: Beam tests and simulations

Contribution ID: 10 Type: not specified

### Performance of a Silicon Tracking system with a TPC

Thursday, 2 February 2006 17:00 (20 minutes)

**Primary author:** MIKAEL BERGGREN (LPNHE-Paris)

**Presenter:** MIKAEL BERGGREN (LPNHE-Paris)

Session Classification: Beam tests and simulations

Contribution ID: 11 Type: not specified

#### General discussion on Simulation issues

Thursday, 2 February 2006 17:20 (40 minutes)

**Primary author:** W. MITAROFF (IHEP Vienna)

**Presenter:** W. MITAROFF (IHEP Vienna)

**Session Classification:** Beam tests and simulations

Contribution ID: 12 Type: not specified

### Design and construction of FE electronics

Thursday, 2 February 2006 14:20 (25 minutes)

**Primary author:** JEAN FRANCOIS GENAT (LPNHE-Paris)

**Presenter:** JEAN FRANCOIS GENAT (LPNHE-Paris)

Session Classification: Beam tests and simulations

Contribution ID: 13 Type: not specified

# Detector prototypes, Electronics readout and DAQ system for the beam tests

Thursday, 2 February 2006 14:45 (55 minutes)

**Primary author:** GENERAL DISCUSSION

Presenter: GENERAL DISCUSSION

Session Classification: Beam tests and simulations

Contribution ID: 14 Type: not specified

### **Review of the Simulation Boulder Workshop**

Thursday, 2 February 2006 16:30 (30 minutes)

Primary author: FREDERIC KAPUSTA & FOR J. MC CORMICK (LPNHE)

**Presenter:** FREDERIC KAPUSTA & FOR J. MC CORMICK (LPNHE)

Session Classification: Beam tests and simulations

Contribution ID: 15 Type: not specified

# The design in 130nm CMOS UMC techno of a F.E. and readout electronics chip for Si tracking at ILC

Friday, 3 February 2006 09:00 (20 minutes)

Primary author: THANH HUNG PHAM (LPNHE-Paris)

**Presenter:** THANH HUNG PHAM (LPNHE-Paris)

Session Classification: R&D on Electronics

Contribution ID: 16 Type: not specified

# Technologies offered by Europractice at IMEC and Foundry access through Europractice

Friday, 3 February 2006 09:20 (40 minutes)

**Primary author:** PAUL MALISSE (IMEC-Leuven)

**Presenter:** PAUL MALISSE (IMEC-Leuven)

**Session Classification:** R&D on Electronics

Contribution ID: 17 Type: not specified

### Radiation effects on 130nm CMOS technologies

Friday, 3 February 2006 10:00 (40 minutes)

Primary author: FEDERICO FACCIO (CERN)

Presenter: FEDERICO FACCIO (CERN)

**Session Classification:** R&D on Electronics

Contribution ID: 18 Type: not specified

### Simulation on sensors and related issues on detector design

Friday, 3 February 2006 11:00 (30 minutes)

**Primary author:** ZDENEK DOLEZAL (Charles University in Prague)

Presenter: ZDENEK DOLEZAL (Charles University in Prague)

Session Classification: R&D on Electronics

Contribution ID: 19 Type: not specified

### Time measurement and tagging with Silicon trackers

Friday, 3 February 2006 11:30 (30 minutes)

**Primary author:** JACQUES DAVID (LPNHE-Paris)

**Presenter:** JACQUES DAVID (LPNHE-Paris)

**Session Classification:** R&D on Electronics

Contribution ID: 20 Type: not specified

### Readout, calibration, DAQ electronics

Friday, 3 February 2006 12:00 (30 minutes)

Primary author: OPENED DISCUSSION

**Presenter:** OPENED DISCUSSION

**Session Classification:** R&D on Electronics

Contribution ID: 21 Type: not specified

## Detector concepts & detector designs at ILC: The Silicon tracking components

Friday, 3 February 2006 14:00 (40 minutes)

Primary author: AURORE SAVOY-NAVARRO (LPNHE-Paris)

**Presenter:** AURORE SAVOY-NAVARRO (LPNHE-Paris)

Session Classification: R&D Mechanics & Detector Concepts

Contribution ID: 22 Type: not specified

### Use of pixels for Si-tracking

Friday, 3 February 2006 14:40 (20 minutes)

Primary author: AURORE SAVOY-NAVARRO (LPNHE-Paris)

**Presenter:** AURORE SAVOY-NAVARRO (LPNHE-Paris)

Session Classification: R&D Mechanics & Detector Concepts

Contribution ID: 23 Type: not specified

### Silicon trackers Mechanical issues: experience from ATLAS

Friday, 3 February 2006 15:10 (30 minutes)

Primary author: PABLO MODESTO (IFIC-CSIC/Valencia)

Presenter: PABLO MODESTO (IFIC-CSIC/Valencia)

Session Classification: R&D Mechanics & Detector Concepts

Contribution ID: 24 Type: not specified

# The Large End Cap Parts or Central Barrel: what designs? And related issues

Friday, 3 February 2006 16:00 (45 minutes)

Primary author: OPENED DISCUSSION

**Presenter:** OPENED DISCUSSION

Session Classification: R&D Mechanics & Detector Concepts