

VI SiLC Collaboration Meeting

Report of Contributions

Contribution ID: 0

Type: **not specified**

Construction of Si Modules: the CMS experience

Monday, 17 December 2007 10:00 (30 minutes)

Presenter: L.DEMARIA

Session Classification: R&D on mechanics Prototypes and starting of sensor R&D session

Contribution ID: 1

Type: **not specified**

The LCTPC + Silicon Envelop prototype

Monday, 17 December 2007 10:30 (20 minutes)

Presenter: S.HAENSEL(HEPHY)

Session Classification: R&D on mechanics Prototypes and starting of sensor R&D session

Contribution ID: 2

Type: **not specified**

Thermal and mechanical issues in the design of thin CMOS MAPS module for SVT for the SuperB factory

Monday, 17 December 2007 10:50 (30 minutes)

Presenter: F.BOSI (INFN-PISA)

Session Classification: R&D on mechanics Prototypes and starting of sensor R&D session

Contribution ID: 3

Type: **not specified**

Alignment status report

Monday, 17 December 2007 11:40 (20 minutes)

Presenter: I.VILA (IFCA/CSIC)

Session Classification: R&D on mechanics Prototypes and starting of sensor R&D session

Contribution ID: 4

Type: **not specified**

The 4-layers Prototype and related integration issues

Monday, 17 December 2007 12:00 (20 minutes)

Presenter: G.DAUBARD/A. SAVOY-NAVARRO (LPNHE)

Session Classification: R&D on mechanics Prototypes and starting of sensor R&D session

Contribution ID: 5

Type: **not specified**

Silicon Strip Sensor R&D and results from HPT sensor measurements

Monday, 17 December 2007 12:20 (20 minutes)

Silicon Strips

Presenter: TH. BERGAUER (HEPHY)

Session Classification: R&D on mechanics Prototypes and starting of sensor R&D session

Contribution ID: 6

Type: **not specified**

Sensor design for dual metal layer readout

Monday, 17 December 2007 12:40 (20 minutes)

Presenter: M.DRAGICEVIC (HEPHY)

Session Classification: R&D on mechanics Prototypes and starting of sensor R&D session

Contribution ID: 7

Type: **not specified**

3D planar sensors

Presenter: S.ERANEN (VTT)

Contribution ID: 8

Type: **not specified**

Low material budget pixel detector with high intrinsic gain

Presenter: V.SAVELIEV (OSU)

Contribution ID: **10**

Type: **not specified**

130nm CMOS MAPS for the vertex detector of the SuperB factory

Presenter: V.RE

Contribution ID: 11

Type: **not specified**

Synergy with SuperB factory (Intro by G.Rizzo (INFN-Pisa), participation of T.Tsuboyama (KEK))

Presenter: DISCUSSION CONDUCTED BY G.RIZZO (INFN-PISA)

Contribution ID: 12

Type: **not specified**

Development of 3D detectors at FBK-IRST

Presenter: G.F. DALLABETTA

Contribution ID: 13

Type: **not specified**

3D pixel detectors technology review

Contribution ID: 14

Type: **not specified**

Si sensor developments at CNM

Presenter: M.LOZANO (CNM-CSIC)

Contribution ID: 15

Type: **not specified**

Optical simulation of microstrip sensors

Presenter: M.FERNANDEZ (IFCA/CSIC)

Contribution ID: **16**

Type: **not specified**

Pixel R&D at IFIC-Valencia

Presenter: PIXEL R&D AT IFIC-VALENCIA

Contribution ID: 17

Type: **not specified**

SiLC Executive meeting

Presenter: CHAIRED BY AURORE SAVIY NAVARRO

Contribution ID: **18**

Type: **not specified**

What did we learnt from SiTr 130-v1-2?

Presenter: T.H. PHAM (LPNHE)

Contribution ID: 19

Type: **not specified**

What did we learnt from SiTr 130-v1-2?

Presenter: T.H. PHAM (LPNHE)

Contribution ID: **20**

Type: **not specified**

SiTr_130-128 present status and prospects-part2(analog)

Presenter: J.F.GENAT

Contribution ID: 21

Type: **not specified**

SiTr_130-128 present status and prospects-part2(digital)

Presenter: A.COMERMA (BARCELONA U)

Contribution ID: 22

Type: **not specified**

FE chip connection to the strips:FE boards to on-sensor wiring

Presenter: TBA (LPNHE)

Contribution ID: 23

Type: **not specified**

The beyond FE electronic chain

Presenter: TBA(B.U.), TBA(LPNHE)

Contribution ID: 24

Type: **not specified**

Reference electronics:VA1 vs APV25

Presenter: J.DAVID (LPNHE),TBA (HEPHY)

Contribution ID: 25

Type: **not specified**

The beam test at CERN in October 2007

Presenter: J.DAVID (LPNHE),M.FERNANDEZ(IFCA)

Contribution ID: 26

Type: **not specified**

Building a SiLC pixel telescope for B.T.'s

Presenter: DISCUSSION

Contribution ID: 28

Type: **not specified**

The SiD Concept and towards a SiD LOI

Presenter: Y.KARIOTAKIS (LAPP)

Contribution ID: 29

Type: **not specified**

Talk on Microelectronics (tba)

Presenter: A.MARCHIORO(CERN)

Contribution ID: **30**

Type: **not specified**

CERN test beam results

Presenter: W.DASILVA(LPNHE),P.KVASNICKA(CU PRAGUE)

Contribution ID: **31**

Type: **not specified**

New DAQ for beam tests (hard&software)

Presenter: J.SANCHEZ-GONZALEZ(IFCA)/J.DAVID(LPNHE)

Contribution ID: 32

Type: **not specified**

The LSTFE Front end status

Presenter: B.SHUMM(SCIPP&UCSC)

Contribution ID: 33

Type: **not specified**

Test at CERN in 2008:proposal & goals

Presenter: A.SAVOY-NAVARRO(LPNHE)

Contribution ID: 34

Type: **not specified**

Test facility at FNAL:Review of FNAL Silicon activities for ILC

Presenter: M.DEMARTEAU(FNAL)

Contribution ID: **36**

Type: **not specified**

The 4th Concept

Presenter: G.P.YEH(FNAL)

Contribution ID: 37

Type: **not specified**

The ILC simulation general framework:MOKKA-MarlinReco

Presenter: F.GAEDE(DESY)

Contribution ID: **38**

Type: **not specified**

The ILC simulation general framework:ILCROOT

Presenter: C.GATTO(UNIV.LECCE&INFN)

Contribution ID: 39

Type: **not specified**

Highlights of the Simulation parallel session

Presenter: M.VOS(IFIC/CSIC)

Contribution ID: 40

Type: **not specified**

Synergies SLHC,ILC-CLIC,B-Factory and Neutrinos: the new FP7 Project

Presenter: A.SAVOY-NAVARRO(LPNHE)

Contribution ID: 41

Type: **not specified**

The Silicon tracker developments at KEK

Presenter: T.TSUBOYOMA(KEK)

Contribution ID: 42

Type: **not specified**

Silicon Pixel Tracker for the ILC

Presenter: K.STEFANOV,C.DAMERELL(RAL)

Contribution ID: 43

Type: **not specified**

The ILD project present status for LOI'08

Presenter: T.BEHNKE(DESY)

Contribution ID: 44

Type: **not specified**

The Physics benchmarks for ILC

Presenter: T.BARKLOW(SLAC)

Contribution ID: 45

Type: **not specified**

Concluding remarks and final discussion

Presenter: A.SAVOY-NAVARRO(LPNHE)

Contribution ID: 46

Type: **not specified**

Digitization

Presenter: Z.DRASAL

Contribution ID: 47

Type: **not specified**

LiC detector toy

Presenter: M.REGLER

Contribution ID: 48

Type: **not specified**

Additional presentation and discussion with MOKKA(Frank) and ILCROOT(Corrado)

Presenter: F.GAEDE(DESY)

Contribution ID: 49

Type: **not specified**

Status MOKKA

Presenter: V.SAVELIEV

Contribution ID: **50**

Type: **not specified**

Forward Tracking

Presenter: M.VOS(IFIC/CSIC)

Contribution ID: 51

Type: **not specified**

Santa Cruz simulation studies

Presenter: B.SHUMM(SCIPP&UCSC) (VRVS)

Contribution ID: 52

Type: **not specified**

Discussion

Presenter: ALL

Contribution ID: 54

Type: **not specified**

3D planar sensors

Presenter: S.ERANEN(VTT)

Contribution ID: 55

Type: **not specified**

Low material budget pixel detector with high intrinsic gain

Presenter: V.SALELIEV(OSU)

Contribution ID: 56

Type: **not specified**

130nm CMOS MAPS for the vertex detector of the SuperB factory

Presenter: V.RE

Contribution ID: 57

Type: **not specified**

Synergy with SuperB Factory(intr by G.Rizzo(INFN-PI) with participation of T.Tsuboyama(KEK)

Presenter: DISCUSSION CONDUCTED BY G.RIZZO(INFN-PI)

Contribution ID: 58

Type: **not specified**

Development of 3D detectors at FBK-IRST

Presenter: G.F. DALLA BETTA (IRST)

Contribution ID: 59

Type: **not specified**

3D pixel detectors technology review

Presenter: CINZIA DA VIA (MANCHESTER U.)

Contribution ID: **60**

Type: **not specified**

Si sensor developments at CNM

Presenter: M.LOZANO(CNM-CSIC)

Contribution ID: **61**

Type: **not specified**

Optical Simulation of microstrip sensors

Presenter: M.FERNANDEZ(IFCA-CSIC)

Contribution ID: **62**

Type: **not specified**

Pixel R&D at IFIC-Valencia

Presenter: M.VOS(IFIC-CSIC)

Contribution ID: **63**

Type: **not specified**

SiLC Executive Meeting

Contribution ID: 65

Type: **not specified**

What did we learnt from SiTr 130-v1-2?

Tuesday, 18 December 2007 09:00 (30 minutes)

Presenter: T.H.PHAM(LPNHE)

Session Classification: R&D on Electronics

Contribution ID: 66

Type: **not specified**

SiTr_130-128present status and prospects. Part1(analog)

Tuesday, 18 December 2007 09:30 (20 minutes)

Presenter: J.F.GENAT(LPNHE)

Session Classification: R&D on Electronics

Contribution ID: 67

Type: **not specified**

SiTr_130-128present status and prospects. Part2(digital)

Tuesday, 18 December 2007 09:50 (20 minutes)

Presenter: A.COMERMA(BARCELONA U.)

Session Classification: R&D on Electronics

Contribution ID: **68**

Type: **not specified**

FE chip connection to the strips: from FE boards to on-sensor wiring

Tuesday, 18 December 2007 10:10 (20 minutes)

Presenter: TBS(LPNHE)

Session Classification: R&D on Electronics

Contribution ID: **69**

Type: **not specified**

The beyond FE electronics chain

Tuesday, 18 December 2007 10:30 (30 minutes)

Presenter: TBA(B.U.)-TBA(LPNHE)

Session Classification: R&D on Electronics

Contribution ID: 70

Type: **not specified**

Reference Electronics: VA1 vs APV25

Tuesday, 18 December 2007 11:30 (20 minutes)

Presenter: J.DAVID(LPNHE)-TBA(HEPHY)

Session Classification: R&D on Electronics

Contribution ID: 71

Type: **not specified**

The beam test at CERN in October 2007

Tuesday, 18 December 2007 11:50 (25 minutes)

Presenter: J.DAVID(LPNHE)-M.FERNANDEZ(IFCA)

Session Classification: R&D on Electronics

Contribution ID: 72

Type: **not specified**

Building a SiLC pixel telescope for T.B.'s

Tuesday, 18 December 2007 12:15 (15 minutes)

Presenter: DISCUSSION

Session Classification: R&D on Electronics

Contribution ID: 73

Type: **not specified**

3D planar sensors

Monday, 17 December 2007 14:30 (20 minutes)

Presenter: S.ERANEN(VTT)

Session Classification: R&D on sensors (cont'd)

Contribution ID: 74

Type: **not specified**

Low material budget pixel detector with high intrinsic gain

Monday, 17 December 2007 14:50 (20 minutes)

Presenter: V.SAVELIEV

Session Classification: R&D on sensors (cont'd)

Contribution ID: 75

Type: **not specified**

130nm CMOS MAPS for the vertex detector of the SuperB Factory

Monday, 17 December 2007 15:10 (20 minutes)

Presenter: V.RE

Session Classification: R&D on sensors (cont'd)

Contribution ID: 76

Type: **not specified**

Synergy with SuperB Factory(intro by G.Rizzo(INFN-PI), with participation of T.Tsuboyama(KEK)

Monday, 17 December 2007 15:30 (30 minutes)

Presenter: DISCUSSION CONDUCTED BY G.RIZZO(INFN-PI)

Session Classification: R&D on sensors (cont'd)

Contribution ID: 77

Type: **not specified**

Development of 3D detectors at FBK-IRST

Monday, 17 December 2007 16:20 (30 minutes)

Presenter: G.F.DALLA BETTA (IRST)

Session Classification: R&D on sensors (cont'd)

Contribution ID: 78

Type: **not specified**

3D pixel detectors technology review

Monday, 17 December 2007 16:50 (40 minutes)

Presenter: CINZIA DA VIA

Session Classification: R&D on sensors (cont'd)

Contribution ID: 79

Type: **not specified**

Si sensor developments at CNM

Monday, 17 December 2007 17:30 (30 minutes)

Presenter: M.LOZANO(CNM-CSIC)

Session Classification: R&D on sensors (cont'd)

Contribution ID: **80**

Type: **not specified**

Optical simulation of microstrip sensors

Monday, 17 December 2007 18:00 (15 minutes)

Presenter: M.FERNANDEZ(IFCA-CSIC)

Session Classification: R&D on sensors (cont'd)

Contribution ID: **81**

Type: **not specified**

Pixel R&D at IFIC-Valencia

Monday, 17 December 2007 18:15 (15 minutes)

Presenter: M.VOS(IFIC/CSIC)

Session Classification: R&D on sensors (cont'd)

Contribution ID: **82**

Type: **not specified**

SiLC Executive meeting

Monday, 17 December 2007 18:30 (1 hour)

Session Classification: R&D on sensors (cont'd)

Contribution ID: **83**

Type: **not specified**

The SiD Concept and towards a SiD LOI

Tuesday, 18 December 2007 14:00 (40 minutes)

Presenter: Y.KARIOTAKIS (LAPP)

Session Classification: Tests bench and Beam tests

Contribution ID: **84**

Type: **not specified**

Talk on Microelectronics (tba)

Tuesday, 18 December 2007 14:40 (30 minutes)

Presenter: A.MARCHIORO(CERN)

Session Classification: Tests bench and Beam tests

Contribution ID: 85

Type: **not specified**

CERN test beam results

Tuesday, 18 December 2007 15:10 (30 minutes)

Presenter: W.DASILVA(LPNHE),P.KVASNICKA(CU PRAGUE)

Session Classification: Tests bench and Beam tests

Contribution ID: **86**

Type: **not specified**

New DAQ for beam tests (hard&software)

Tuesday, 18 December 2007 15:40 (30 minutes)

Presenter: J.SANCHEZ-GONZALEZ(IFCA)/J.DAVID(LPNHE)

Session Classification: Tests bench and Beam tests

Contribution ID: 87

Type: **not specified**

The LSTFE Front end status

Tuesday, 18 December 2007 16:30 (20 minutes)

Presenter: B.SHUMM(SCIPP&UCSC) (VRVS)

Session Classification: Tests bench and Beam tests

Contribution ID: **88**

Type: **not specified**

Test at CERN in 2008:proposal & goals

Tuesday, 18 December 2007 16:50 (20 minutes)

Presenter: A.SAVOY-NAVARRO(LPNHE)

Session Classification: Tests bench and Beam tests

Contribution ID: **89**

Type: **not specified**

Test facility at FNAL:Review of FNAL Silicon activities for ILC

Tuesday, 18 December 2007 17:10 (30 minutes)

Presenter: M.DEMARTEAU(FNAL)

Session Classification: Tests bench and Beam tests

Contribution ID: **90**

Type: **not specified**

The 4th Concept

Tuesday, 18 December 2007 17:40 (40 minutes)

Presenter: G.P.YEH(FNAL)

Session Classification: Tests bench and Beam tests

Contribution ID: 92

Type: **not specified**

Digitization

Tuesday, 18 December 2007 14:00 (30 minutes)

Presenter: Z.DRASAL

Session Classification: SiLC Simulation: where we are

Contribution ID: 93

Type: **not specified**

LiC detector toy

Tuesday, 18 December 2007 14:30 (30 minutes)

Presenter: M.REGLER

Session Classification: SiLC Simulation: where we are

Contribution ID: 94

Type: **not specified**

Additional presentation and discussion with MOKKA(Frank) and ILCROOT(Corrado)

Tuesday, 18 December 2007 15:00 (30 minutes)

Presenter: F.GAEDE(DESY)/C.GATTO(U.LECCE-INFN)

Session Classification: SiLC Simulation: where we are

Contribution ID: 95

Type: **not specified**

Status MOKKA

Tuesday, 18 December 2007 15:30 (30 minutes)

Presenter: V.SAVELIEV(OSU)

Session Classification: SiLC Simulation: where we are

Contribution ID: 96

Type: **not specified**

Forward Tracking

Tuesday, 18 December 2007 16:30 (20 minutes)

Presenter: M.VOS(IFIC/CSIC)

Session Classification: SiLC Simulation: where we are

Contribution ID: 97

Type: **not specified**

Santa Cruz simulation studies

Tuesday, 18 December 2007 16:50 (20 minutes)

Presenter: B.SHUMM(SCIPP&UCSC) (VRVS)

Session Classification: SiLC Simulation: where we are

Contribution ID: 99

Type: **not specified**

The ILC simulation general framework:MOKKA-MarlinReco

Wednesday, 19 December 2007 09:00 (30 minutes)

Presenter: F.GAEDE(DESY)

Session Classification: Simulation

Contribution ID: **100**

Type: **not specified**

The ILC simulation general framework:ILCROOT

Wednesday, 19 December 2007 09:30 (30 minutes)

Presenter: C.GATTO(UNIV.LECCE&INFN)

Session Classification: Simulation

Contribution ID: **101**

Type: **not specified**

Highlights of the Simulation parallel session

Wednesday, 19 December 2007 10:00 (30 minutes)

Presenter: M.VOS(IFIC/CSIC)

Session Classification: Simulation

Contribution ID: **102**

Type: **not specified**

Synergies SLHC,ILC-CLIC,B-Factory and Neutrinos: the new FP7 Project

Wednesday, 19 December 2007 10:50 (40 minutes)

Presenter: A.SAVOY-NAVARRO(LPNHE)

Session Classification: SiLC synergies wrt (S)LHC & other new projects

Contribution ID: **103**

Type: **not specified**

The Silicon tracker developments at KEK

Wednesday, 19 December 2007 11:30 (30 minutes)

Presenter: T.TSUBOYOMA(KEK)

Session Classification: SiLC synergies wrt (S)LHC & other new projects

Contribution ID: **104**

Type: **not specified**

Silicon Pixel Tracker for the ILC

Wednesday, 19 December 2007 12:00 (30 minutes)

Presenter: K.STEFANOV,C.DAMERELL(RAL)

Session Classification: SiLC synergies wrt (S)LHC & other new projects

Contribution ID: **105**

Type: **not specified**

The ILD project present status for LOI'08

Wednesday, 19 December 2007 14:00 (40 minutes)

Presenter: T.BEHNKE(DESY)

Session Classification: The ILC Project:Detector Projects(cont'), roadmap and Physics benchmarks

Contribution ID: **106**

Type: **not specified**

The Physics benchmarks for ILC

Wednesday, 19 December 2007 14:40 (30 minutes)

Presenter: T.BARKLOW(SLAC)

Session Classification: The ILC Project:Detector Projects(cont'), roadmap and Physics benchmarks

Contribution ID: **107**

Type: **not specified**

Concluding remarks and final discussion

Wednesday, 19 December 2007 15:10 (1 hour)

Presenter: A.SAVOY-NAVARRO(LPNHE)

Session Classification: The ILC Project:Detector Projects(cont'), roadmap and Physics benchmarks