

IFCA strategy workshop for future Particle Physics Experiments



Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to the group

Tuesday 17 June 2025 10:00 (20 minutes)

Presenter: Prof. VILA ALVAREZ, Ivan (Instituto de Física de Cantabria (CSIC-UC))

Session Classification: Introduction to the group

Contribution ID: 2

Type: **not specified**

Status report and future plans: CMS analysis

Tuesday 17 June 2025 14:30 (30 minutes)

Presenters: CALDERON, ALICIA (Universidad de Cantabria and CSIC (ES)); MARTINEZ RIVERO, Celso (IFCA (CSIC-UC) (ES))

Session Classification: Current and recent group activities

Contribution ID: 3

Type: **not specified**

Status Report and future plans: CMS high-luminosity upgrade

Tuesday 17 June 2025 15:10 (30 minutes)

Presenters: Dr GOMEZ, Gervasio (Universidad de Cantabria and CSIC (ES)); MARTINEZ RUIZ DEL ARBOL, Pablo (Universidad de Cantabria and CSIC (ES))

Session Classification: Current and recent group activities

Contribution ID: 4

Type: **not specified**

Status Report and future plans: DAMIC-M

Tuesday 17 June 2025 15:50 (30 minutes)

Presenter: VILAR CORTABITARTE, Rocio (Universidad de Cantabria and CSIC (ES))

Session Classification: Current and recent group activities

Contribution ID: 5

Type: **not specified**

Overview of R&D activities for future collider experiments

Wednesday 18 June 2025 10:10 (30 minutes)

Presenter: Prof. VILA ALVAREZ, Ivan (Instituto de Física de Cantabria (CSIC-UC))

Session Classification: Current and recent group activities

Contribution ID: 6

Type: **not specified**

Status Report on Medical Physics

Wednesday 18 June 2025 09:10 (30 minutes)

Presenter: ARTECHE GONZALEZ, Alberto (Universidad de Cantabria and CSIC (ES))

Session Classification: Current and recent group activities

Contribution ID: 7

Type: **not specified**

Proyecto tesis 1

Tuesday 17 June 2025 10:30 (10 minutes)

Presenter: CENTENO, Carlos

Session Classification: Thesis Jamboree

Contribution ID: 8

Type: **not specified**

Proyecto tesis 1

Tuesday 17 June 2025 10:45 (10 minutes)

Presenter: CASERTA, Maria (Universidad de Cantabria and CSIC (ES))

Session Classification: Thesis Jamboree

Contribution ID: 9

Type: **not specified**

Proyecto tesis 3

Tuesday 17 June 2025 12:45 (10 minutes)

Presenter: BLANCO, Sergio

Session Classification: Thesis Jamboree

Contribution ID: **10**

Type: **not specified**

Proyecto tesis 4

Tuesday 17 June 2025 11:15 (10 minutes)

Presenter: LOPEZ RUIZ, Ruben (Universidad de Cantabria and CSIC (ES))

Session Classification: Thesis Jamboree

Contribution ID: **11**

Type: **not specified**

Proyecto tesis 5

Tuesday 17 June 2025 12:00 (10 minutes)

Presenter: GOMEZ CARRERA, Antonio (Universidad de Cantabria and CSIC (ES))

Session Classification: Thesis Jamboree

Contribution ID: **12**

Type: **not specified**

Proyecto tesis 6

Tuesday 17 June 2025 12:15 (10 minutes)

Presenter: QUINTANA SAN EMETERIO, Cristian (Universidad de Cantabria and CSIC (ES))

Session Classification: Thesis Jamboree

Contribution ID: **13**

Type: **not specified**

Proyecto tesis 7

Tuesday 17 June 2025 12:30 (10 minutes)

Presenter: ROSICH, Diego

Session Classification: Thesis Jamboree

Contribution ID: 14

Type: **not specified**

Proyecto tesis 8

Tuesday 17 June 2025 11:00 (10 minutes)

Presenters: PÉREZ, María; PÉREZ, María (IFCA); PÉREZ, María (Universidad de Cantabria and CSIC (ES))

Session Classification: Thesis Jamboree

Contribution ID: 15

Type: **not specified**

Status Report and future plans: CADEX

Tuesday 17 June 2025 16:30 (30 minutes)

Presenter: Dr KAVANAGH, Bradley

Session Classification: Current and recent group activities

Contribution ID: 16

Type: **not specified**

Historia del Grupo de Partículas Elementales de Santander

Tuesday 17 June 2025 17:40 (45 minutes)

Presenter: RUIZ JIMENO, Alberto (Universidad de Cantabria and CSIC (ES))

Session Classification: History of Santander's HEP Group

Contribution ID: 17

Type: **not specified**

FCC (and CEPC) projects

Wednesday 18 June 2025 11:45 (30 minutes)

Presenter: ALCARAZ MAESTRE, Juan (CIEMAT - Madrid (ES))

Session Classification: Invited talks

Contribution ID: **18**

Type: **not specified**

ILD A multi-purpose detector concept

Wednesday 18 June 2025 11:15 (20 minutes)

Presenter: BEHNKE, Ties (DESY)

Session Classification: Invited talks

Contribution ID: **19**

Type: **not specified**

Quantum sensing technologies

Presenter: (T.B.C)

Session Classification: Invited talks

Contribution ID: 20

Type: **not specified**

The Moving Target: Direct Detection in the Light Dark Matter Landscape

Wednesday 18 June 2025 09:50 (20 minutes)

Presenter: MCGEHEE, Robert (University of Minnesota)

Session Classification: Invited talks