

Session Program

11-15 Jul 2016

First Barcelona Techno Week: Course on semiconductor radiation detectors

X-ray and charged particle detectors

Other Institutes, N06

Institut de Ciències del Cosmos Facultat de Física Martí i Franquès, 1 E-08028 Barcelona

Tuesday 12 July

11:00

X-ray and charged particle detectors: Sensors

Session |

Location: Other Institutes, N06, Institut de Ciències del Cosmos Facultat de Física Martí i Franquès, 1 E-08028 Barcelona |

Convener: Rafael Ballabriga Sune

11:00–12:50

Sensor design and Interconnects

Speaker

Sami Vähänen

12:50

14:05

X-ray and charged particle detectors: Sensors

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Convener: Rafael Ballabriga Sune

14:05–15:05

Radiation hardness in Si detectors

Speaker

Giulio Pellegrini

15:05

15:05

X-ray and charged particle detectors: Pixel Detectors

Session |

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Convener: Rafael Ballabriga Sune

15:05–16:05

Applications of hybrid pixel detectors (I)

Speaker

Michael Campbell

16:05

16:35

X-ray and charged particle detectors: Pixel Detectors

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Convener: Rafael Ballabriga Sune

16:35–17:35

Applications of hybrid pixel detectors (II)

Speaker

Michael Campbell

17:35

Wednesday 13 July

09:00

X-ray and charged particle detectors: Pixel Detectors

Session |

Location: Other Institutes, N06, Institut de Ciències del Cosmos Facultat de Física Martí i Franquès, 1 E-08028 Barcelona |

Convener: Rafael Ballabriga Sune

09:00–10:40

Review of hybrid pixel detector readout chips for spectroscopic X-ray imaging

Speaker

Rafael Ballabriga Sune

10:40

11:10

X-ray and charged particle detectors: Pixel Detectors

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Convener: Rafael Ballabriga Sune

11:10–12:50

Review of Monolithic pixel detectors

Speaker

Thanushan Kugathasan

12:50

14:00

X-ray and charged particle detectors: Applications

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Convener: Rafael Ballabriga Sune

14:00–16:00

Semiconductor radiation detectors for synchrotrons and XFELs".

Speaker

Anna Bergamaschi

16:00

17:30

X-ray and charged particle detectors: Applications

Session |

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17:30–18:30

Space Applications

Speaker

Prof. Margarida Hernanz

18:30