

# 3rd MC-PAD Network Training Event / Midterm Review

Sunday, 26 September 2010 - Thursday, 30 September 2010

Jožef Stefan Institute



## Book of Abstracts



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**Radiation hardness of semiconductor detectors / 0**

## **Semiconductor tracking and vertex detectors at future high energy physics experiments**

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**Radiation hardness of semiconductor detectors / 1**

## **Effects of radiation to device performance**

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**Radiation hardness of semiconductor detectors / 2**

## **Investigation of radiation defects**

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**Radiation hardness of semiconductor detectors / 5**

## **Silicon detectors for photo-detection**

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**Silicon detector processing and technology / 6**

## **Processing of silicon detectors I**

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**Silicon detector processing and technology / 7**

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**Radiation hardness of semiconductor detectors / 8**

## **Surface effects and breakdown voltage**

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## **Stellar Structure and evolution**

The seminar will present the information which can be obtained from the stellar spectra- temperature, density, state of the matter, chemical composition, and how the internal structure can be derived, which are the source of energy and how the continuous emission of radiation modifies the stellar structure. The mass is the parameter which affects the whole evolution of a star.

**Overview of MC-PAD ITN project - Christian Joram / 11**

## **Overview**

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**Meeting with the Project Team - Sergio Mastropiero / 12**

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