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PO FSE ABRUZZO  
2007»2013 | OBIETTIVO  
"Competitività regionale  
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Progetto Speciale Multiasse "La Società della Conoscenza in Abruzzo"

PO FSE Abruzzo 2007-2013, Piano degli Interventi 2009-2010-2011

# CFA lecture series

**Gabrijela Zaharijas**  
(ICTP Trieste)

## Indirect searches for dark matter with the Fermi Large Area Telescope

- ABSTRACT -

*High energy gamma-rays are one of the most promising ways to constrain or reveal the nature of dark matter. After the four years of the Fermi mission, the indirect constraints on the dark matter cross section to various particle channels are moving well into the theoretically motivated region of the parameter space with several groups claiming an intriguing hints of a signal. I will present an overview of the recent Fermi LAT dark matter and relevant astrophysical results and comment on the prospects for the near term improvements.*

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**LNGS - "B. Pontecorvo" room**

**May 28, 2013 – 2:30 pm**

**May 29, 2013 – 11:30 am**