

# SILAFAE 2014

Ruta N, Medellín - Colombia  
November 24th -28th 2014

## X Latin American Symposium of High Energy Physics

SILAFAE is one of the most important events in High Energy Physics in Latin America, where theorists and experimentalists meet to discuss recent advances of different topics in High Energy Physics.

### International Scientific Committee

Daniel de Florian (UBA)	Tere Dova (UNLP)
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Roberto Martinez (UNAL/Bogota)	Marleigh Sheaff (Wisconsin/Fermilab)
William Ponce (UdeA)	John Swain (NEU)

### The Local Organizing Committee

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Carlos Vera (Universidad del Tolima)

More information and registration:

<http://gff.udea.edu.co/xsilafae>

Registration deadline: August 31st 2014 (10% discount), November 7th (Late registration)

The proceedings will be published as a separate volume of Nuclear Physics B - Proceedings Supplements

Deadline for submission of Abstracts: July 30th 2014

Opening talk  
John Ellis (King's College)

Dark matter  
Alejandro Ibarra (TUM)

Flavor and CP Violation  
Yosef Nir (Weizmann)

SUSY and BSM  
Alberto Casas (IFT, UAM)

Higgs Physics  
Cristophe Grojean (CERN)

Cosmology  
Leonardo Senatore (Stanford University)

Neutrino Physics  
Gianluigi Fogli (Bari U.)

Perturbative QCD  
Frank Petriello (Stanford U.)

Nonperturbative QCD  
Boris Z. Kopeliovich (UTFSM)

Amplitudes in the LHC era  
Pierpaolo Mastrolia (Padova University)

Quantum Gravity  
Esperanza Lopez (UAM)

Dark Matter direct detection experiments  
To be confirmed

AMS-02 and DM searches in space  
Javier Berdugo (CIEMAT)

LHCb results  
To be confirmed

SUSY and BSM LHC results  
To be confirmed

Higgs LHC results  
To be confirmed

Cosmology results (Planck)  
Martin Bucher (Orsay, LPT)

Neutrino Experiments  
Juan José Gómez Cadenas (IFIC, Valencia)

Dark Energy results  
Juan Estrada (Fermilab)

Auger Experiment results  
Esteban Roulet (CAB/CNEA)

ALICE results  
To be confirmed

ANDES  
Osvaldo Civitarese (UNLP)



Universidad del Valle



Universidad del Tolima

