

10<sup>th</sup> CERN

# LATIN-AMERICAN SCHOOL OF HIGH-ENERGY PHYSICS

Villa General Belgrano, Córdoba, Argentina,

13–26 March 2019

[indico.cern.ch/event/763013](http://indico.cern.ch/event/763013)

## Scientific Programme

### Field Theory and the EW Standard Model

L. Álvarez-Gaumé, Stony Brook, USA/CERN

### Higgs Physics

M. Carena, U. of Chicago/Fermilab, USA

### QCD

D. De Florian, ICAS/UNSAM, Argentina

### Facilities in Latin America

C. Dib, UTFSM, Chile

### Highlights of LHC Run-2 and Future Prospects

C.E. Gerber, U. of Illinois, USA

### Special Lecture on Gravitational Waves

G. González, Louisiana State U., USA

### Practical Statistics

E. Gross, Weizmann, Israel

### Neutrino Physics

P. Hernández, IFIC, U. Valencia-CSIC, Spain

### Special Lecture

J.M. Maldacena, IAS, Princeton, USA

### Flavour Physics and CP Violation

A. Pich, IFIC, U. Valencia-CSIC, Spain

### Cosmology

R. Rosenfeld, IFT-UNESP/ICTP-SAIFR, Brazil

### Heavy-Ion Physics

M.E. Tejeda-Yeomans, U. de Colima, Mexico

### Physics Beyond the Standard Model

C. Wagner, U. of Chicago/Argonne, USA

### Discussion Leaders

N. Bernal - UAN, Colombia  
R. Hernández Pinto - UAS, Mexico  
J. Jones-Pérez - PUCP, Peru  
N. Neill - UTFSM, Chile

### International Organizing Committee

M. Aguilar - CIEMAT, Spain  
L. Álvarez-Gaumé - Stony Brook, USA/CERN  
E. Carrera - USFQ, Ecuador  
M. Cerrada - CIEMAT, Spain  
C. Dib - UTFSM, Chile

C. Duhr - CERN  
M.T. Dova - UNLP, Argentina  
J. Ellis - King's College London, UK/CERN  
N. Ellis, Schools Director - CERN (Chair)  
A. Gago-Medina - PUCP, Peru  
M. Gandelman - UFRJ, Brazil  
P. García - CIEMAT, Spain  
M. Losada - UAN, Colombia  
M. Mulders, Schools Deputy-Director - CERN  
K. Ross, Schools Administrator - CERN  
A. Zepeda - Cinvestav, Mexico

### Local Organizing Committee

L. Da Rold - Instituto Balseiro, CONICET  
M.T. Dova - IFLP (UNLP-CONICET)  
G. González-Sprinberg - U. de la República, Uruguay  
G. Otero y Garzón - UBA, CONICET  
O.A. Sampayo - UNMP, IFIMAR (CONICET)  
N.N. Scoccola - CNEA, CONICET  
A. Szyrkman - IFLP (UNLP-CONICET)  
F. Tamarit - FAMA, IFEG (UNC-CONICET)  
H. Wahlberg - IFLP (UNLP-CONICET)



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