



Laboratoire de Physique  
Théorique d'Oran

Université d'Oran  
Laboratoire de Physique Théorique d'Oran

# School on High Energy Physics Tools and Computing

29 may - 03 june 2012

## Organizing Committee

F. Iddir, Chairwoman (U. Oran, Algeria)  
A. Arhrib (U. Tanger, Morocco)  
S. Balaska (U. Oran, Algeria)  
D. Benchekroun (U. Casablanca & RUPHE, Morocco)  
F. Boudjema (LAPTH, Annecy, France)  
K. Demmouche (U. Ain Temouchent)  
F. Djama (CPPM, Marseille, France)  
N. Djeghloul (U. Oran, Algeria)  
D. Ghaffor (ENSET, Oran, Algeria)  
A. Hoummada (U. Casablanca, Morocco)  
M. Lagraa (U. Oran, Algeria)  
F. Malek (LPSC, Grenoble, France)  
L. Semlala (EPST, Oran, Algeria)  
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## Contact

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Higgs candidate event from the CMS experiment.

## Lectures and Tutorials

"Theoretical and instrumental Landscape (LHC experiments)"

Fawzi Boudjema (CNRS, Annecy), Patrick Fassnacht (CERN, Geneva), Andreas Hoecker (CERN, Geneva)

"HEP theoretical models (Events generators, Lattice QCD ,...)"

Abdeslam Arhrib (Tanger, Morocco), Kamel Demmouche (U. Ain Temouchent),  
Olivier Pène (LPTOrsay, Paris-Sud) , Alexander Pukhov (Moscow State U. & CNRS Annecy),  
Andrzej Siodmok (Manchester, UK)

"Particles detection and Data analysis"

Driss Benchekroun (U. Casablanca), Farès Djama (CNRS, Marseille)

"The means for computing: The Grids and the High performance machine"

Aouaouch El Maouhab (Cerist, Algeria), Fairouz Malek (CNRS, Grenoble),  
Sebastien Gadrat (C.C.IN2P3-Lyon), Yahia Lebbah (U. Oran), Lakhdar Loukil (U. Oran)