



HEPMAD 07

3rd Conference in High-Energy Physics

10-15th September

Antananarivo (Madagascar)

Stephan Narison

CNRS - Montpellier

Thanks to the personalities present here !

HEP-MAD 07

3rd High-Energy Physics Conference in Madagascar

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Scientific program
Physics at LHC,
Perturbative & Non perturbative QCD,
Weak, rare decays and CP-violation,
Physics beyond the standard model,
Neutrino Oscillations.

International committee
J. Ellis (Cern-CH),
H. Fritzsch (Munich-D),
U. Gastaldi (Legnaro-IT),
H. Leutwyler (Bern-CH),
P. Minkowski (Bern-CH),
M. Neubert (Mainz-D),
A. Pich (Valencia-ES),
E. de Rafael (Marseille-FR),
J.M. Richard (Grenoble-FR),
E. Tsesmelis (Cern-CH),
V. Zakharov (Munich-D).

Conference secretariat
Marie Razafindrakoto
Laboratoire de Physique Theorique et
Astroparticules - Case 70
UM2-Montpellier
Place Eugene Baraillon
34095 Montpellier Cedex 05 (FR)
E-mail: qcd_hep@yahoo.fr
Tel : (33-4) 67 14 35 68 or 67 07 94 68
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Chairman of the organization
Stephan Narison
Laboratoire de Physique Theorique et
Astroparticules
UM2 et CNRS - Montpellier (FR)
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snarison@yahoo.fr

Local organization
R. Raboanary (iHEPMAD - Antananarivo)
S. Rakotofiringa (Univ. - Antananarivo)
A. Ratiarison (LPMS - Antananarivo)
Association Culturelle Malgache (ACMM -
Montpellier)

Deadline for registration
10th August 2007

Web address
For more informations please consult:
<http://www.lpta.univ-montp2.fr/users/qcd/>



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The HEPMAD Conference Series



HEPMAD 07:

3rd International HEPMAD Conference in
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- ◇ Previous International Conferences
HEPMAD 04 (2004),
HEPMAD 01 (2001)

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HEPMAD 04 (2004),
HEPMAD 01 (2001)
- ♥ Hold every 3 years in Antananarivo

The HEPMAD Conference Series

⇒ Spirit

- Promote high-energy physics in Madagascar :
Unique project in the Indian Ocean Region.

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- Create and extend cooperation of Madagascar to other world laboratories :

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- Opportunity for Malagasy physicists (nuclear, low-energy, climatology, environment) to publish their works at the international level : Journées Nationales.

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 - Support from Government and International Institutes (European Commission, Mondial Bank,.. like already did : CERN & IN2P3)

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- A relatively cheap project within the possibility of the country

High-Energy Physics



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- Study of the **smallest constituents** of matters and their symmetry : 6 quarks & 6 leptons

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- For reproducing the inverse of the Big-Bang phenomena **at the Laboratory scale.**

Astroparticle & Astrophysics



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-  Study of the universe and different galaxies... :
cosmic rays, atmospheric neutrinos,...

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- **Using large scale telescopes :**
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- Complement and Alternative to High-Energy
Physics Research.

Is High-Energy Physics Useful ?



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- Fundamental Research: long-term application.

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- **Fundamental Research:** long-term application.
- **Most of our everyday life comes from High-Energy Physics Research :**
 - TV screen is a small accelerator of electrons,
 - Web page internet has been discovered at CERN,
 - Accelerator of particles is used in Medicine for treating cancer,...

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