

QCD24

27th HIGH-ENERGY PHYSICS
INTERNATIONAL CONFERENCE
IN QUANTUM CHROMODYNAMICS



Stephan Narison



WELL-COME !



QCD23

QCD22

QCD21

QCD20

QCD19

QCD00

QCD99



QCD18

QCD17

QCD16

QCD15

QCD14

QCD 12

QCD 10

QCD 08

QCD 06

QCD 05

QCD 04

QCD 03

QCD 02

QCD 98

QCD 97

QCD 96

QCD 94

QCD 90

NON-PERTURBATIVE METHODS 88

to QCD 24



Thanks to all participants !

QCD24 27th HIGH-ENERGY PHYSICS
INTERNATIONAL CONFERENCE
IN QUANTUM CHROMODYNAMICS



SCIENTIFIC PROGRAM
Hadron Spectroscopy: Exotic Hadron Spectroscopy
K, D, ... : Rare Kaon Decays and D, B, Bc
Tau-decays and e^+e^- to Hadrons

CHAIRMAN
Stephan NARISON
Laboratoire Univers et Particules
CNRS - Université de Montpellier - FR

INTERNATIONAL COMMITTEE
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M. Knacht (Marseille)
A. Pich (Valencia)
G. Rossi (Roma)
V. I. Zakharov (Munich)

LOCAL ORGANIZATION
Laboratoire Univers et Particules
Association Culturelle Maigache (ACMM)
Association Gasy Miara-Mandroso (AGMH)

CONTACT ADDRESS

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QCD Conference
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Université de Montpellier
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34095 Montpellier Cedex-FR

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snarison@yahoo.fr/qcdconf@gmail.com

URL ADDRESS
<https://www.lupm.in2p3.fr/users/qcd/QCD24>

DEADLINES
Registration: 1 June 2024
Papers: 1 June 2024
Proceedings: 13 September 2024

The (eventual) success of this meeting will depend on you !

QCD 24-Montpellier (12 nations)

EUROPE



France



Germany



Italy



Spain



Switzerland



OTHER COUNTRIES

Canada



Chili



China



Japan



Madagascar



Montenegro



USA



Thanks to the Participants

who come again :

- 96 : V.I. Zakharov
- 96 : M. Loewe
- 98 : G. Cvetic
- 08 : M.A. Shifman
- 16 : A. Penzo
- 18 : D. Rabetiarivony
- 23 : L. Zhang



and to

M.A. Shifman, V.I. Zakharov for celebrating with us the 45th year of the SVZ sum rule !

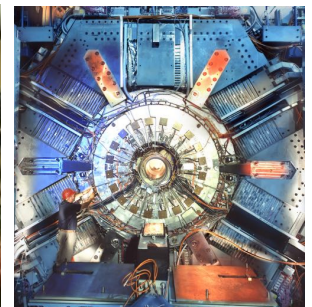
Thanks to the Contact Persons of \neq Experiments

who helped in preparing *the Scientific Program* !

ALICE	M. Van Leeuwen
ATLAS	Alain Bellerive, Carlo Dallapiccola
LHCb	Vincenzo Vagnoni
CMS	Hongbo Liao



NA62	Angela Romano Patrizia Cenci
BELLE II	Jim Libby
BABAR	Gerard Bonneaud

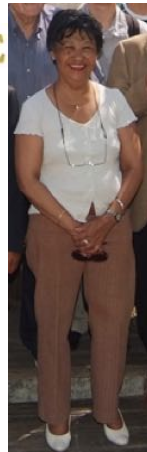


Thanks to the (Ex-) International Committee !



INTERNATIONAL COMMITTEE

- A. Di Giacomo (Pisa)
- M. Knecht (Marseille)
- A. Pich (Valencia)
- G. Rossi (Roma)
- V. I. Zakharov (Munich)



Thanks to the Institutions



Participating in the organization



The QCD - Montpellier Series

Quantum Chromo Dynamics (QCD) = Modern Theory of Strong Nuclear Force

- ♣ QCD 24 :
27th International QCD - Montpellier Conf.

The QCD - Montpellier Series

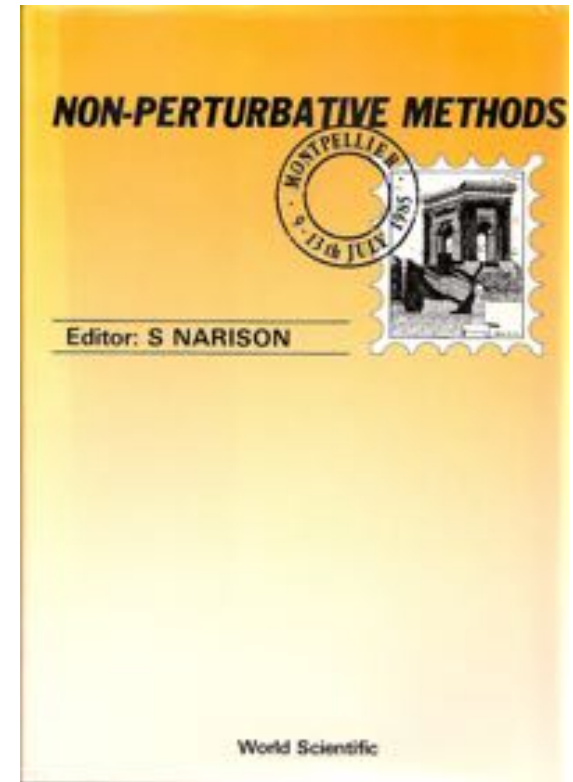
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Non Perturbative Methods 85,
QCD 90, 94,
QCD 02, 03, 04, 05, 06, 08, 10, 12, 14
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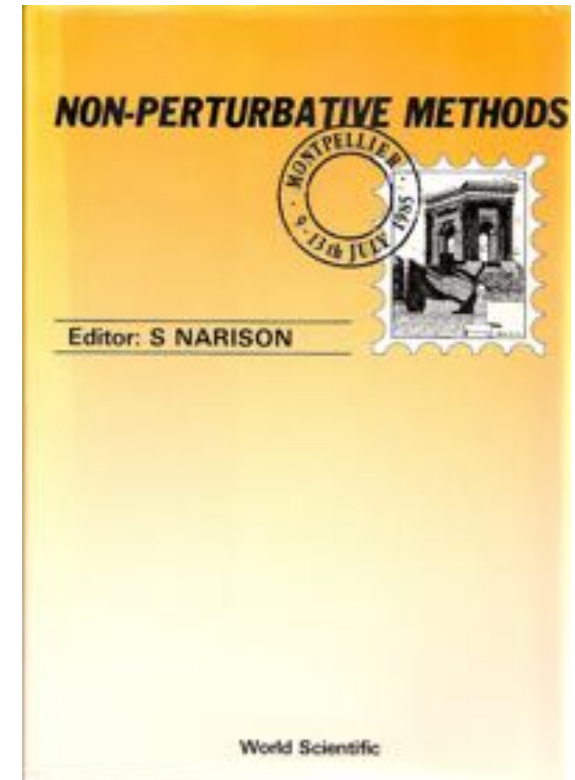
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15, 16, 17, 18, 19, 20, 21, 22, 23, ...
- ♥ Euroconferences:
QCD 96, 97, 98, 99, 00



QCD Conference Special Events

- ♣ QCD 97-98 : Anniversaries : 100th of electron - 25th of QCD

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Nobel Price Winners : J. Steinberger (1988) QCD97, D. Gross (2004) QCD98, G. 't Hooft (1999) QCD 98-02



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QCD97 QCD98 QCD 98-02

- ◇ QCD 10 : 25th Anniversary of the QCD conference and 30 \oplus 1 jubilee of SVZ sum rules M. Shifman and V. Zakharov (Sakurai Price 1999)



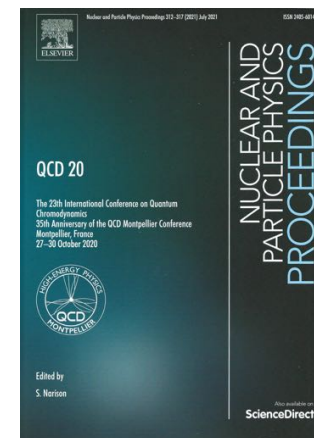
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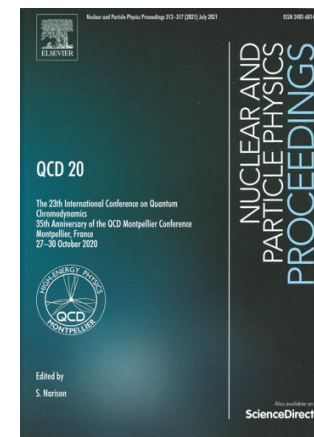
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- ♥ QCD 15 & 20: 30 & 35th Ann. of the QCD Conference



Spirit & Size of the QCD Series

● ➡ Spirit



Spirit & Size of the QCD Series

-  Spirit
 - Young Physicists & World Experts together



Spirit & Size of the QCD Series

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- Balance between Experiments & Theory



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Spirit & Size of the QCD Series

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 - New Results before the ICHEP and EPS Conferences
- **» Medium Size (for Person Conference)**
 - Better Scientific & Social Organizations



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- Relax Atmosphere



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- Relax Atmosphere
- Stronger Interactions among Participants



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- Stronger Interactions among Participants
- Origin of New Collaborations



Training & Prestigious Participants

• ➡ Training

Most of the “good” European Physicists have presented their first international talks here. I wish that young physicists participating in this meeting will become like them !



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V. Zakharov (since QCD96 & committee member)



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- Sakurai price winner 2007: S.J. Brodsky (QCD90, QCD14)



From QCD-Montpellier to HEPMAD-Antananarivo

- **Challenges & Difficulties**



From QCD-Montpellier to HEPMAD-Antananarivo

- **Challenges & Difficulties**
 - Unique in Sub-Saharan (except South Africa !)
and Indian Ocean Countries



From QCD-Montpellier to HEPMAD-Antananarivo

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● Achievements



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 - Public Institutions (Academie, Alliance Française,...)

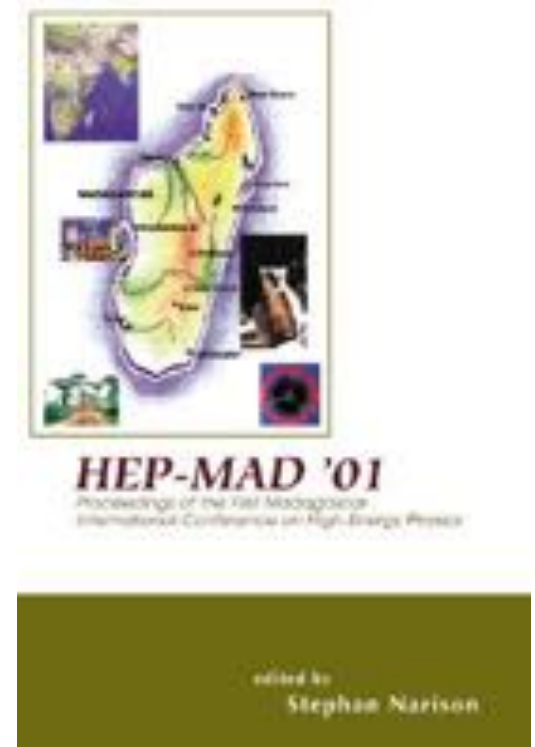


HEPMAD Conference Series & Institute

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HEPMAD 01, 04, 07, 09, 11, 13, 15,
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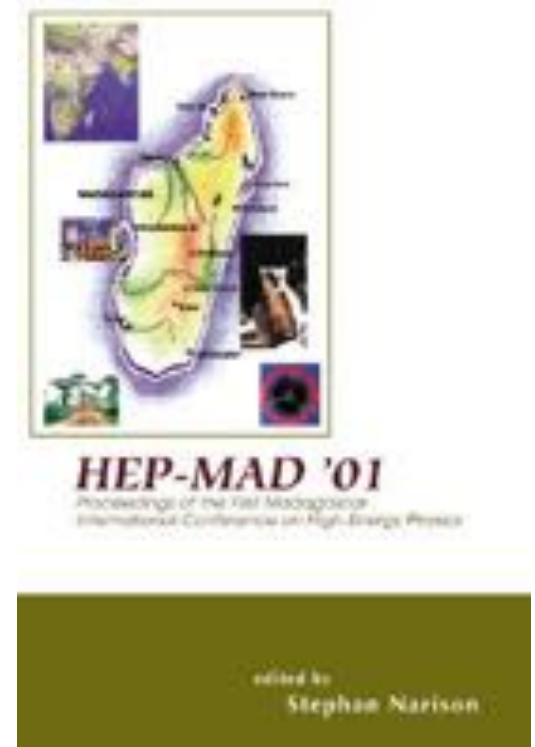
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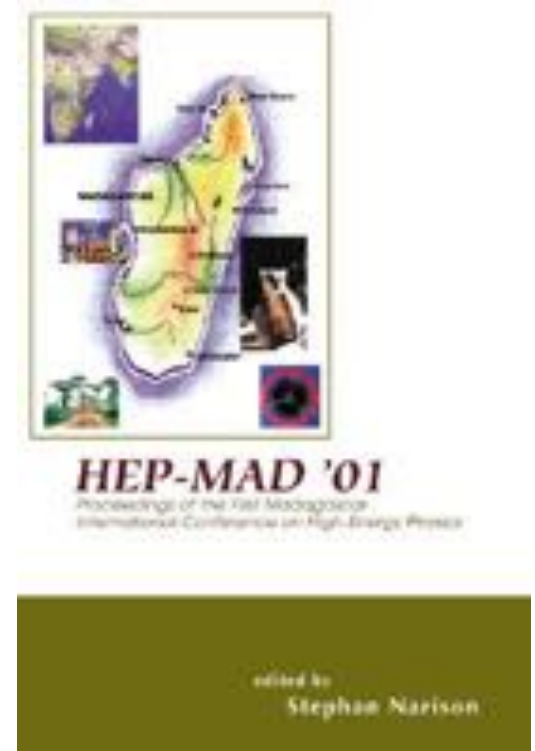
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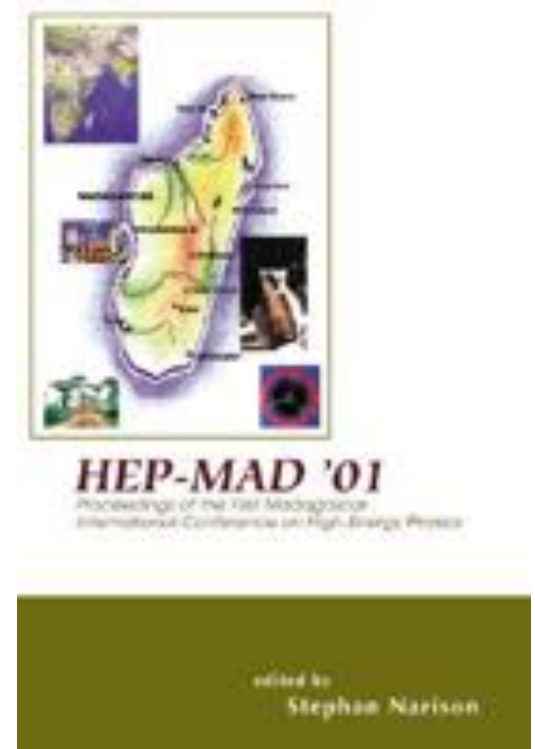
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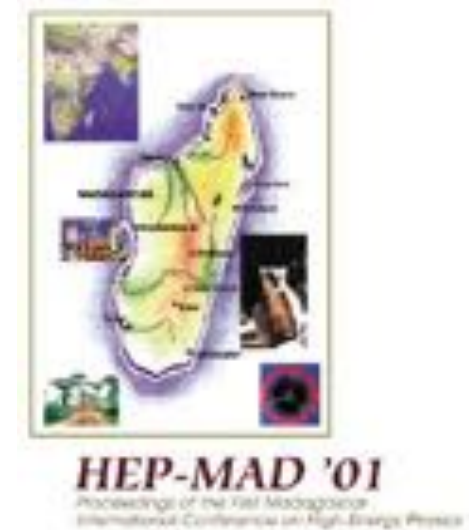
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 - Master and PhD (since 2013)



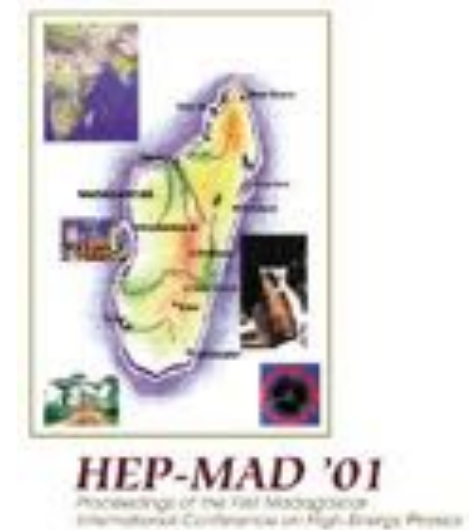
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ICTP-Trieste-IT, Fermilab-US , Brazil,
Marseille-FR, Montpellier-FR



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 - Schools : African School of Physics,
CERN-Geneve, Trieste-IT



Popularizing / Promoting HEP in Madagascar

- ◇ Malagasy Academy

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● ♥ Alliance Française

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Universities

● ◇ Universities



- ◇ Universities

- ♥ High-Schools

Association Père Pedro



- ◇ Universities



- ♥ High-Schools
Association Père Pedro



- ♦ Universities



- ♥ High-Schools
Association Père Pedro



- ♠ Association Gasy Miara-Mandroso (AGMM)

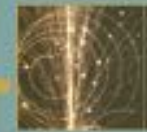
Needs more support for developing education :

Donation, Partnership,...

HEPMAD Conference Series



HEPMAD24



14th High-Energy Physics International Conference
Antananarivo - Madagascar (21-26 October 2024)



HEPMAD24 TOPICS

Strong and Electroweak Interactions
Physics at Colliders (LHC,...)
Exotic Hadron Spectroscopy
Astrophysics
Climatology and Oceanography
Applied Nuclear Physics
Sustainable Energies

HEPMAD24 Chair

S. Narison
Laboratoire Univers et Particules
CNRS - UM - Montpellier - France

HEPMAD24 Scientific Committee

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A. Pich (Valencia)
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HEPMAD24 Organizing Committee

Hepmad Research Institute (iHEPMAD)
Association Gasy Miara-Mandroso (AGMM)

HEPMAD24 Local Organizing Committee

S. Narison
Laboratoire Univers et Particules
Université de Montpellier
Case 070 Place Eugene Bataillon
34095 Montpellier Cedex France
Tel: +33 6 08 07 86 91

snarison@yahoo.fr / qcqcdconf@gmail.com

HEPMAD24 Website

<https://www.lupm.in2p3.fr/users/qcd/HEPMAD24>

HEPMAD24 Dates

Registration : 27 September 2024
Abstracts : 27 September 2024
Proceedings : 6 December 2024



HEPMAD Conf. & the HEPMAD Cultural Center

- *HEPMAD 22 : Opening at the Malagasy Academy of Sciences*

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- *HEPMAD 23 : Opening at the HEPMAD Cultural Center
Equipment from TWAS Grant (Trieste-IT)*



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- *Association for Developing Science in Madagascar (AGMM)*



QCD Books : 1989, 2002, 2015, 2020

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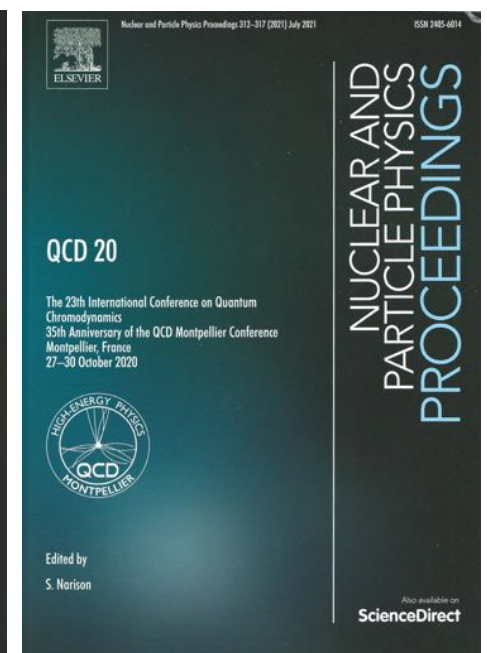
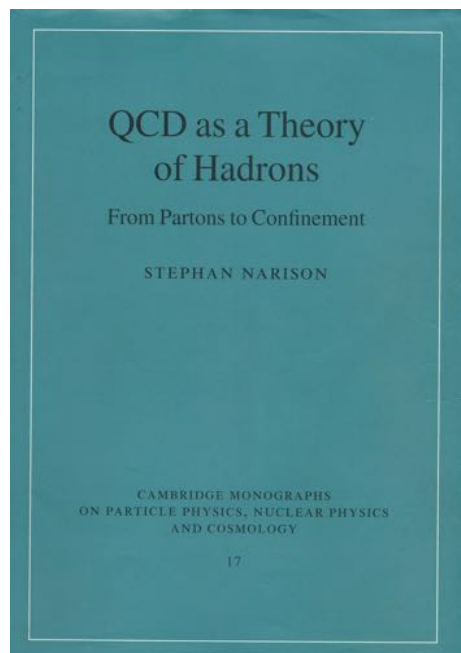
hard cover 95 €

soft cover 250 €

Amazon 35€

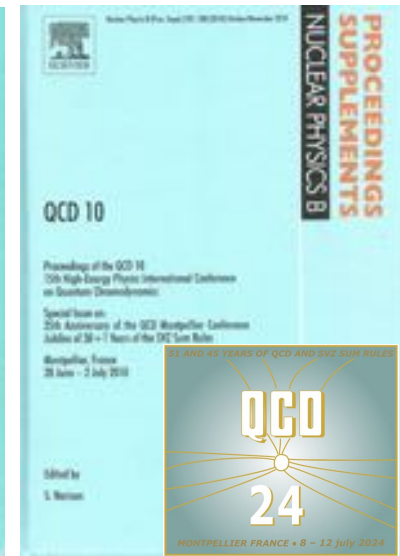
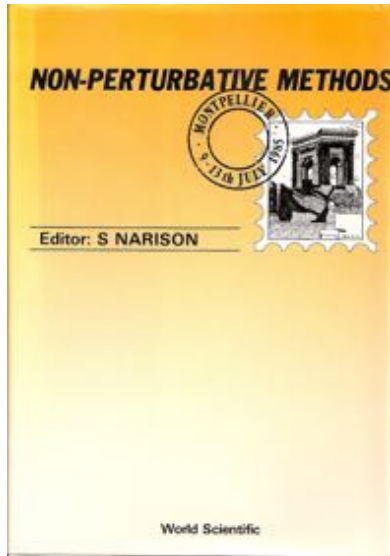
hard cover 25 €

⊕ other QCD Proc.

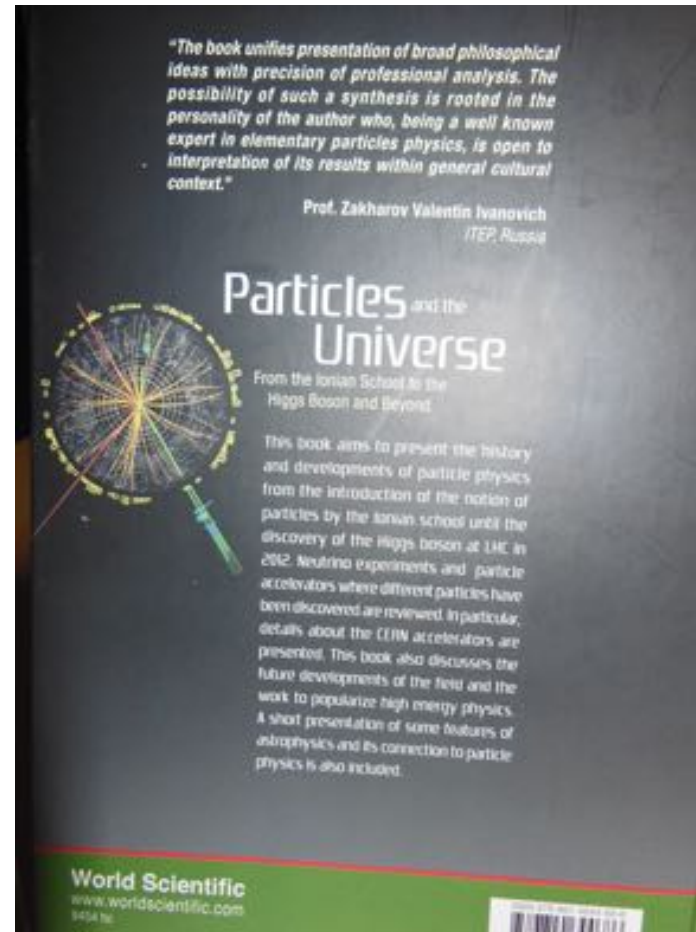
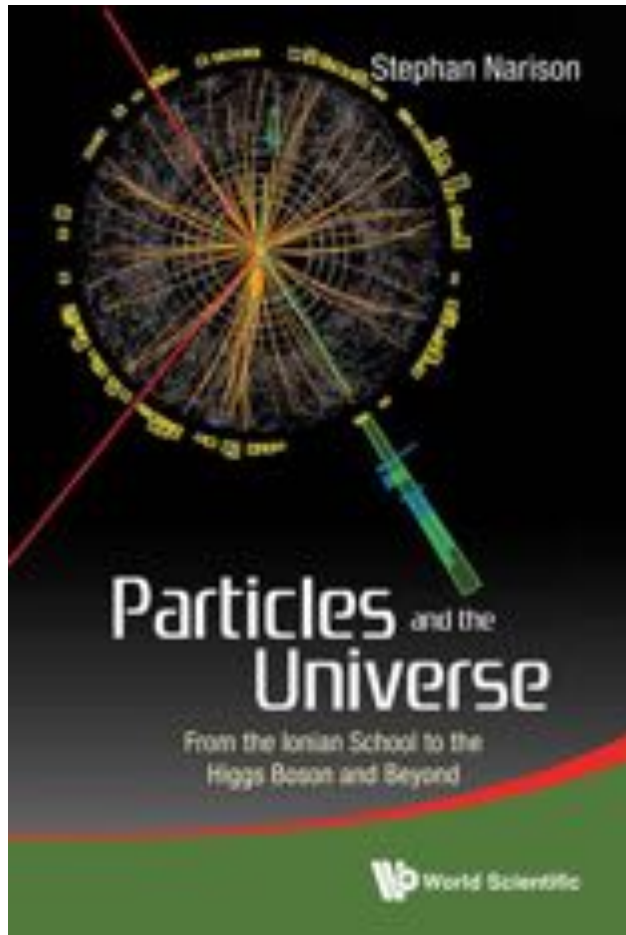


QCD Proceedings

Sold Here : 25 €

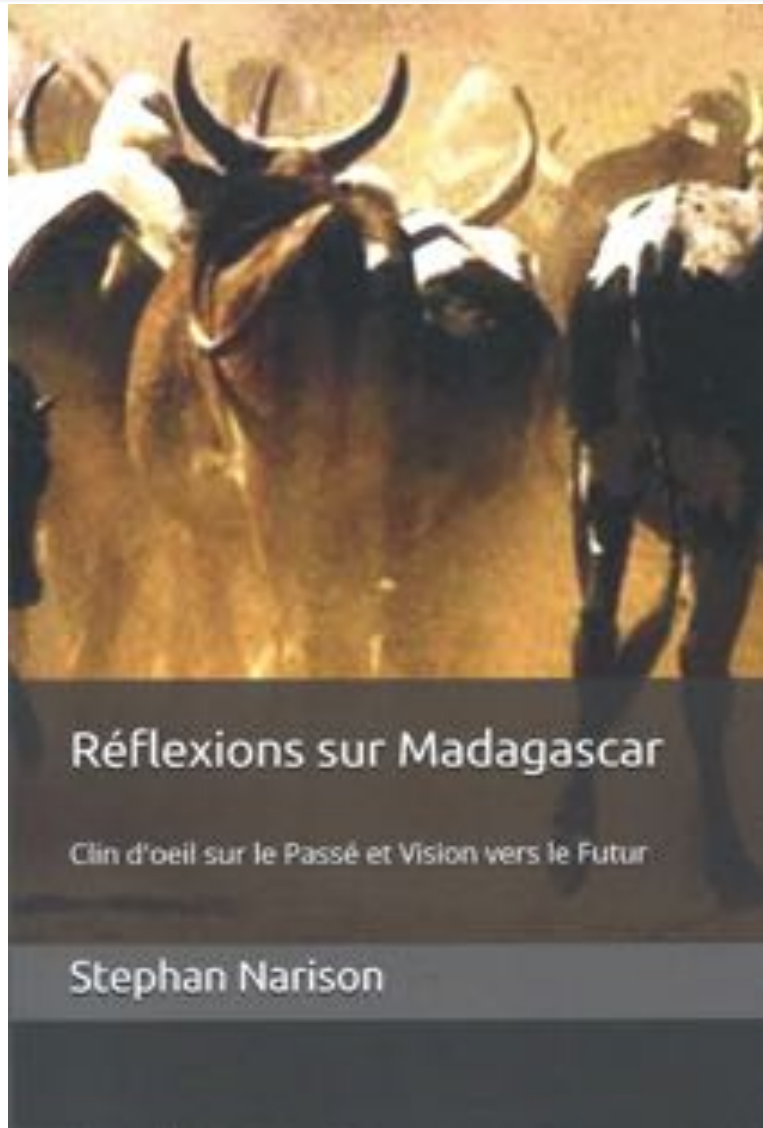


♥ Popularizing / Promoting HEP Book



Sold by World Scientific Company and On-line by Amazon.com 35€

Societal Book (in french) : 2019



Ce livre présente, d'une manière succincte, les différents aspects de Madagascar, cette île Mystérieuse aux Mille Facettes qui trône sur l'Océan Indien dans l'hémisphère sud. Il s'adresse à tou(te)s ceux (celles) qui veulent connaître, d'une façon simple et rapide la Géographie et l'Histoire de Madagascar depuis son origine jusqu'en 2018 où se déroulent les élections présidentielles. La 1ère partie retrace l'origine du pays et du peuple malgache et son histoire avant l'indépendance en 1960. Les 2ème et 3ème parties présentent la situation politique depuis 1960. Ses conséquences socio-économiques désastreuses sont discutées dans la 4ème partie. La 5ème partie montre l'Association Gasy Miara-Mandroso (AGMM) et ses actions de développement de la physique des hautes énergies (HEP) dans les lycées, collèges, universités et institutions publiques de Madagascar. La vision du futur de l'AGMM sur le développement durable du pays est présentée dans la 6ème partie. L'auteur, en tant que candidat, montre, dans la 7ème partie, les anomalies constatées lors des élections présidentielles 2018. Dans l'annexe se trouvent des photos sur les conférences de vulgarisation et les actions de propagande de l'auteur. Le livre se termine par sa biographie et ses contributions sur la recherche en HEP.



Stephan Narison est Directeur de Recherche Emerite au Laboratoire Univers et Particules du CNRS de Montpellier en physique des Hautes Energies. Il est spécialisé sur l'approche des règles de somme spectrale de la chromodynamique quantique (QCD). Il est membre de l'Académie Nationale et Grand Croix de l'Ordre National Malgache. Il est Président Fondateur de la Série des Conférences Internationales QCD Montpellier et HEPMAD Antananarivo, de l'institut de recherche iHEPMAD et de l'Association Gasy Miara-Mandroso.



25€ in Amazon.com - English version in preparation

Good Hybrid Conference... in Montpellier !



*in this beautiful medieval town
of the Languedoc-Roussillon
full of light and sun,
which has dedicated its way of living
to arts and culture !*



Misaotra Anareo @ ny Faharetana !

Merci pour Votre Patience !

Thanks for Your Patience !



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