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Quarks et Leptons

- ATLAS

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► Communications et exposés présentés à des conférences

Quarks et Leptons

- ATLAS

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S. Viret for the ATLAS collaboration
- ATLAS calorimeter capabilities for B-physics studies : the B_s⁰ → J/ψη example.
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F. Ohlsson-Malek - Prospects of ATLAS and CMS for B physics and CP violation.

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F. Ohlsson-Malek - B physics and CP violation at the LHC start

M. Wielers - Status of liquid argon software and performance

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S. Viret - Shower shapes validation with ATLAS Ecal.

- D \emptyset

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- AMS

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E. Voutier - Quasi free nucleon knock-out from nuclei

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S. Kox - Hadron physics at GSI

Activités pluridisciplinaires

- Aval du cycle électronucléaire

Atelier GEDEON-PRACTIS : La pyrochimie appliquée aux RSF, Cadarache, France, 19-20 juin 2002

A. Nuttin - Scénarios de transition dans les Réacteurs à Sels Fondus

D. Heuer - Interaction entre retraitement et neutronique dans les RSF

PHYSOR 2002, International Conference on the New Frontiers of Nuclear Technology Reactor Physics, Safety and High-Performance Computing, Seoul, Korea, 7-10 October 2002

A. Billebaud, R. Brissot, D. Heuer, M. Kerveno, C. Le Brun, E. Liatard, J.-M. Loiseaux, O. Méplan, E. Merle, F. Perdu, J. Vollaire, C. Destouches, P. Chaussonnet, J.-M. Laurens - The MUSE-4 experiment : prompt reactivity and neutron spectrum measurements.
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A. Nuttin - Neutronics of thorium-fueled Molten Salt Reactors

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D. Lecarpentier, C. Garzenne, D. Heuer, A. Nuttin, M. Delpech - Temperture

feedbacks of a thermal molten salt reactor : compromise between stability and breeding performances

Meeting MUSE, Madrid, Spain, 26-27 May 2003

J. Vollaire - Prompt reactivity and delayed neutron fraction measurements, GENEPI source monitoring for the MUSE IV experiment

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A. Billebaud - Online measurement of parameters relevant for ADS monitoring : experimental technique validation in MASURCA. - Proceedings CD-Rom edited by Haeck W. et al. (Mol SCK CEN, 2003)

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- E. Liatard** - La plate-forme PEREN
- L. Mathieu** - Stratégie de retraitement des RSF
- A. Billebaud** - Avancement du projet MUSE
- D. Heuer** - Scénarios de déploiement électronucléaire au niveau mondial

- Tomographie

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Calorimetry in Particle Physics,
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- J. Collot, S. Jan, M.-L. Gallin-Martel, P. Martin, E. Tournefier**
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- J.-M. De Conto** - ETOILE : The hadrontherapy project for Lyon (France).
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- J.-M. De Conto** - ETOILE project. - Invited talk

9th Workshop on Heavy Charged Particles for Biology and Medicine, Lyon, France, 2-5 October 2003

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- C.H. Hyun, B. Desplanques** - A window to mirror world : the deuteron anapole moment.

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Y. Prior - Manipulating atoms and molecules by non-resonant fields : optical kicking and the shekung

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I.Sh. Averbukh et al. (**R. Arvieu**) - Kicking atoms and molecules by non-resonant fields : from molecular alignment to atom lithography

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R. Lazauskas, J. Carbonell - Ab-initio calculations of four-nucleon elastic scattering

V.A. Karmanov, **J. Carbonell** - Critical stability of three-body relativistic bound states with zero-range interaction

10th International Workshop on High-Energy-Spin Physics, Spin'03, Dubna, Russia, 16-20 September 2003

X. Artru, **J.-M. Richard** - General constraints on spin observables, applications to $+ p \rightarrow + \Lambda$ and to polarized quark distributions

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J.-M. Richard - Double-charm baryons : Possible multiquarks states containing heavy quarks

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V.A. Karmanov, **J. Carbonell** - Three-body relativistic bound states with zero-range interaction

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