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OFFICIAL NEWS

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La reproduction même partielle de ces informations par des personnes ou des institutions externes à l'Organisation exige l'approbation préalable de la Direction du CERN.

DISPENSE DU VISA FRANCAIS POUR LES TITULAIRES D'ATTESTATION DE FONCTIONS FRANCAISE « EF »

Le Ministère français des Affaires étrangères a informé l'Organisation que les membres du personnel résidant en Suisse et titulaires d'une Attestation de fonctions « EF » sont dispensés de l'obligation du visa français, lorsqu'ils circulent temporairement en France DANS LE CADRE DU TRAVAIL AU CERN, à condition d'être munis, lors du passage de la frontière, de leur Attestation de fonctions et de leur passeport national en cours de validité.

Service des Relations avec les Pays-hôtes
<http://www.cern.ch/rerelations/>
Tél. 72848

Members of the personnel shall be deemed to have taken note of the news under this heading.

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CARRYING OF FRENCH VISAS FOR HOLDERS OF CATEGORY "EF" FRENCH ATTESTATIONS DE FONCTIONS

The French Ministry of Foreign Affairs has informed the Organization that members of the personnel resident in Switzerland and holding Category "EF" French Attestations de fonctions are not obliged to be in possession of French visas when temporarily travelling through France ON OFFICIAL CERN BUSINESS, provided they are carrying the valid Attestation and a valid national passport with them.

Relations with the Host States Service
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SEMINARS SEMINAIRES

Vous pouvez aussi consulter
For information on these seminars, please see
<http://Bulletin.cern.ch/Seminars/>

Tuesday 26 October

DUALITY WORKSHOP

at 14.00 hrs – TH Conference Room, bldg 4

Aspects of D1/D5 system: Hawking radiation, black hole fragmentation and non-commutative geometry

by Gautam MANDAL / CERN

I will discuss some aspects of the D1/D5 system, the five-dimensional black hole and the associated superconformal field theory (SCFT) in 2 dimensions. We will briefly review how such a SCFT arises from the gauge theory of open strings on the D-brane system, leading to a target space which is an orbifold. The resulting twisted sectors lead to a different "effective string" picture than initially proposed and removes earlier discrepancies in Hawking radiation rates between brane computations and supergravity. We will discuss the issue of marginal decay and fragmentation of the five-dimensional black holes in the absence of moduli. We will discuss how to construct true bound states (stable black holes), both in terms of supergravity and gauge theory. The gauge theory corresponding to the stable D1/D5 system turns out to be non-commutative.

Tuesday 26 October

CERN PARTICLE PHYSICS SEMINAR

at 16.30 hrs – Auditorium, bldg 500*

**Limits on Neutrino Oscillations
from the CHOOZ experiment**

by Alessandro BALDINI / INFN Pisa

We present new results based on the entire data sample of the CHOOZ experiment, located near two nuclear reactors in the north of France. No evidence for neutrino oscillations was found in the electron antineutrino disappearance mode for the parameter region given by approximately $\delta m^2 > 7 \times 10^{-4} \text{ eV}^2$ for maximum mixing, and $\sin^2 2\theta > 0.10$ for large values of the squared mass difference. Lower-sensitivity results, based only on the comparison of the positron spectra from the two different-distance nuclear reactors, are also presented. These are independent of the absolute normalization of the antineutrino flux, the cross section, the number of target protons and the detector efficiencies. We will also discuss the future prospects for neutrino oscillation experiments at nuclear reactors.

Organiser : Jasper KIRKBY / EP Division
** Tea & coffee will be served at 16.00 hrs.*