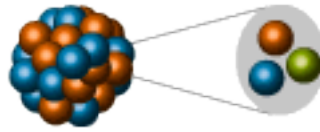


Joint Belgian Dutch German School



Friday, 31 August 2007 - Tuesday, 11 September 2007

The SOL CRESS Domaine (Spa)

Scientific Programme

BND school programme - Electroweak Physics year:

Quantum Field Theory (9h), *with tutorials* --> J.-R. Cudell (Liège) th

Electroweak theory (6h), *with tutorials* --> A. Czarnecki (Alberta) th

EW experimental results from LEP and Tevatron (4h) --> J. D'Hondt (Brussels) exp

Cosmology (2h) --> M. Tytgat (Brussels) th

Early universe and inflation (1h) --> C. Ringeval (Louvain-la-Neuve) th

Experimental searches for physics BSM (3h) --> P. Bechtle (DESY) exp

Introduction to CP violation (4h) --> J.-M. Gerard (Louvain-la-Neuve) th

Experimental aspects of the LHC physics (3h) --> D. Froidevaux (CERN/Nijmegen) exp

Tracking at the LHC (4h) --> M. Vander Donckt (CERN) with P. Vanlaer (Brussels) exp

Neutrino sector (3h) --> E. Bernardini (DESY/Zeuthen) exp

Special lectures: Gravitational lensing (JF.Claeskens), Solar models (TBC) and Space Center in Liège (JM. Defise)