

DAY ONE: NOVEMBER 30th, 2011

13:30: Alain Prouté (Université Paris Diderot)
What does it mean to do mathematics within a topos ?

14:30: Dominique Lambert (FUNDP Namur)
Cofaisceaux et logique paraconsistante.

16:00: Daniel Bennequin (Université Paris Diderot)
Classic and quantum Information topos.

17:00: Patrick Iglesias Zemmour (LATP-CNRS, Marseille)
Difféologie des espaces de mouvements.

DAY TWO : DECEMBER 1st 2011

10:00: Jean Benabou (Université Paris-Nord)
Allegories revisited.

11:00: Stéphane Dugowson (SupMéca-Paris)
On Categorical Connective Dynamics.

13:30: Andrée Ehresmann (Université de Picardie Jules Verne)
Categorical approach to multi-scale dynamic systems.

14:30: René Guitart (Université Paris Diderot)
Cohomology and categorical qualitative modeling of differentials and laws in mathematical physics.

16:00: Paul-André Melliès (Université Paris Diderot-CNRS)
A functorial bridge between proofs and knots.

17:00: Klaas Landsman (Radboud Universiteit Nijmegen)
Topos theory, quantum physics, and generalized concepts of space.

DAY THREE DECEMBER 2nd 2011

10:00: Olivia Caramello (Cambridge University)
The idea of 'bridge' and its unifying role in Science : Toposes as bridges in the unification of mathematics

11:00: Andreas Doering (University of Oxford)
The topos approach to the formulation of physical theories.

13:30: Edward Anderson (APC Université Paris 7)
Why is Quantization a Bad Functor ?

14:30: Frédéric Paugam (Université Pierre et Marie Curie)
Functorial analysis and nonperturbative quantum field theory.

16:00: Louis Crane (Kansas State University)
Neutrino Physics and Category theory.

17:00: Cecilia Flori (Perimeter Institute)
Group Action in Topos Quantum Physic