CINBIOS
Centre de BioInformatique et BioModélisation
Université Libre de Bruxelles

3rd scientific meeting
Monday January 12, 2009
Salle Solvay, 2NO.507, Campus Plaine

Program

9h30 – 10h10 : **Patrick Meyer** *(Machine Learning Group)*
 Information-Theoretic Variable Selection and Network Inference from
 Microarray Data

10h10- 10h50 : **Decio Eizirik** *(Laboratoire de Médecine expérimentale)*
 Use of a systems biology approach to understand pancreatic β-cell death in
 Type 1 diabetes

10h50-11h10 : Coffee break

11h10-11h50 : **Pierre Gaspard** *(Service de Physique non-linéaire et Mécanique
 statistique)* Molecular motors and statistical thermodynamics

11h50-12h30 : **Tom Lenaerts (***Machine Learning Group)*
 Protein domains as information processing units

12h30-14h : Lunch

14h00-14h40 : **François Englert** *(Service de Physique théorique)*
 The 24 near-instabilities of Caspar-Klug viruses

14h40-15h20 : **Peter van der Gulik** *(Centrum Wiskunde & Informatica,
 Amsterdam)* The missing link between prebiotic amino acids and early
 proteins

15h20-15h40 : Coffee break

15h40-16h20 : **Wassim Abou-Jaoude** *(Unité de Biologie théorique et
 computationnelle)* Oscillations, variability and frequency tuning in the p53-
 mdm2 network

16h20-17h00 : **Christos Sotiriou** *(Laboratoire d'Hématologie expérimentale)*
 How to integrate the emerging science into clinics ? Microarray techniques -
 are they ready for use ?