Program

Tuesday May 20, 2014
(Institut Henri Poincaré)

9:00 - 9:15 **Registration**

9:15 - 9:30 **Opening Remarks**

9:30 - 10:15 Invited Talk: **Noam Nisan** - *Economic Efficiency Requires Interaction*

10:15 - 10:45 **Coffee break**

10:45 - 11:15 **Fabio Pardi -** *Phylogenetic networks: what can we reconstruct?*

11:15 - 11:45 **Gregory Kucherov -** *Cascading Bloom filters applied to genome reconstruction*

11:45 - 12:15 **Alessandra Carbone -** *Conservation and co-evolution: from sequence analysis to protein-protein interactions*

12:15 - 12:45 **Benny Chor -** *New facets of conservation in biological sequences*

12:45 - 14:15 **Lunch (To be found in restaurants around. Please see our list of restaurants.)**

14:15 - 15:00 Invited Talk: **Haim Kaplan -** *Two fruitful interactions of theory and practice: max flow and biased search trees*

15:00 - 15:30 **Iordanis Kerenidis -** *Random Access Codes and Non-Locality*

15:30 - 16:00 **Coffee break**

16:00 - 16:30 **Mikos Santha -** *Generalized Wong sequences and their applications to Edmonds' problems*

16:30 - 17:00 **Shai Vardi -** *Local Computation Mechanism Design - Stable Matching*

Wednesday May 21, 2014
(Institut Henri Poincaré)

9:00 - 9:30 **Guy Even -** *Deterministic Rateless Codes for BSC*

9:30 - 10:15 Invited Talk: **Claire Mathieu -** *On the Glass Ceiling Effect in Social Networks*

10:15 - 10:45 **Coffee break**

10:45 - 11:15 **Frédéric Magniez -** *Unidirectional Input/Output Streaming Complexity of Reversal and Sorting*

11:15 - 11:45 **Adi Rosén -** *Semi-Streaming Set Cover*

11:45 - 12:15 **Moti Medina -** *Best of Two Local Models: Local Centralized and Local Distributed Algorithms*

12:15 - 14:15 **Lunch (To be found in restaurants around. Please see our list of restaurants.)**

14:15 - 15:00 Invited Talk: **Irit Dinur -** *On the complexity of correlated inputs*

15:00 - 15:30 **Michal Feldman -** *Beyond Walrasian equilibrium*

15:30 - 16:00 **Coffee break**

16:00 - 16:30 **Tova Milo -** *Query directed crowd mining*

16:30 - 17:00 **Serge Abiteboul -** *Introducing Access Control in Webdamlog*

17:00 - 17:30 **Allan Borodin -** *A myopic model for the non-monotone submodular maximization problem*

18:30 - 21:00 **Reception (cocktail dînatoire)** - on the ground floor of the IHP

Thursday May 22, 2014
Bâtiment Sophie Germain (U. Paris Diderot)

9:00 - 9:30 **Yossi Azar -** *Single parameter mechanism for unrelated machine scheduling*

9:30 - 10:15 Invited Talk: **David Peleg -** *Elite and Periphery in Social Networks: An Axiomatic Approach*

10:15 - 10:45 **Coffee break**

10:45 - 11:15 **Amos Korman -** *Breathe before Speaking: Efficient Information Dissemination Despite Noisy, Limited and Anonymous Communication*

11:15 - 11:45 **Pierre Fraigniaud -** *On local distributed decision*

11:45 - 12:15 **Amos Fiat -** *A Double Exponential improvement over the cost of Free Parking*

12:15 - 14:15 **Lunch (To be found in restaurants around. Please see our list of restaurants.)**

14:15 - 15:00 Invited Talk: **Pascal Koiran -** *A τ-conjecture for Newton polygons*

15:00 - 15:30 **Uri Zwick -** *Adjacency labeling schemes and induced-universal graphs*

15:30 - 16:00 **Cakes and coffee**