



## CHAIRE INFORMATIQUE ET SCIENCES NUMÉRIQUES

Année académique 2017-2018

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Professeur

# Approximation algorithms and networks

Jeudi 7 juin 2018, amphithéâtre Maurice Halbwachs

- 9h **Coffee and welcome**
- 9h15 **Fast Fencing**  
*Vincent COHEN-ADDAD, CNRS*
- 10h **Streaming algorithms for the set cover problem**  
*Adi ROSÉN, CNRS*
- 10h45 **Space and time efficient algorithms for Lipschitz problems**  
*Barna SAHA, U. Mass Amherst*
- 14h **A  $(5/3+\epsilon)$ -Approximation for Unsplittable Flow on a Path: Placing Small Tasks into Boxes**  
*Hang ZHOU, École polytechnique*
- 14h45 **Strong Algorithms for the Ordinal Matroid Secretary Problem**  
*Victor VERDUGO, Universidad de Chile and Ecole normale supérieure*
- 15h30 **Estimating graph parameters with random walks**  
*Anna BEN-HAMOU, Sorbonne Université*
- 16h15 **Stream graphs, link streams, and related algorithmic challenges**  
*Matthieu LATAPY, CNRS*
- 17h **Hierarchical Clustering: Objective Functions and Algorithms**  
*Claire MATHIEU, CNRS and Collège de France*

