

Laboratory of Information, Networking and Communication Sciences

*What's coming
next!*

Coming talk at LINC'S seminar

- ❑ Andrea Araldo (21 oct.) ["Resource Allocation for Multi-Tenant Edge Computing"](#)

Network Theory Working Group

- ❑ Fabien Mathieu (21 oct.) ["Information Theory"](#)

*What we've
been doing...*

Talks at LINC'S seminar (check the videos at the following links!)

- ❑ François Baccelli ["Nash equilibrium structure of a class of spatial competition games"](#)
- ❑ Antonio Fernandez Anta ["CoronaSurveys: Using Indirect Reporting to Estimate the Incidence of Epidemics"](#)
- ❑ Leonardo Linguaglossa ["On the inference of high-speed networks' behavior via Machine Learning"](#)
- ❑ Pooneh Mokariasl ["Monitoring as a service for IoT networks"](#)
- ❑ Mélanie Cambus ["Structured and interactive summarization"](#)
- ❑ Tianzhu Zhang ["Performance Benchmarking of State-of-the-Art Software Switches for NFV"](#)

Network Theory Working Group

- ❑ Ludovic Noirie [“Quantum internet”](#)
- ❑ François Durand [“Zap Stochastic Approximation and Reinforcement Learning”](#)

Python Workshop

- ❑ François Durand [“Collections in Python”](#)
- ❑ François Durand [“Dictionnaires”](#)
- ❑ Edouard Pineau [“Iterators: A Simple Tool to Browse Objects in Python”](#)

PhD Thesis defenses

- ❑ H  l  ne Halconruy [“Malliavin calculus and Dirichlet structures for independent random variables”](#) (14 sept.)
- ❑ Nathan De Lara [“Algorithmic and Software Contributions to Graph Mining”](#) (22 sept.)
- ❑ Yackolley Amoussou-Guenou [“Governing the Commons in Blockchains”](#) (8 oct.)

ERC NEMO

NEMO is an inter-disciplinary research project centered on the dynamics of stochastic networks. Check the project website [here](#).

The main domains of activity of NEMO at LINCS are:

* the joint research projects on cellular wireless networks in collaborations with Nokia Bell Labs and T  l  com Paris. The work on beam management in 5G, which is joint with NBL, was presented at the LINCS seminar in July 2020.

* the mathematical research on random graphs and point processes, which is part of the network mathematics reading group of LINCS. The work on epidemics on point processes and that on replica mean field limits for network dynamics were discussed at this reading group lately.

Awards

- ❑ Best Thesis Award: Céline COMTE*, "Gestion des Ressources dans les Grappes d'Ordinateurs: Conception d'Algorithmes et Analyse de Performance" (Telecom Paris "Prix de Thèse 2020")
- ❑ Best Paper Runner Up: Diego KIEDANSKI*, Ariel ORDA, Daniel KOFMAN*, "Discrete and Stochastic Coalitional Storage Games" (ACM e-Energy 2020 Conference)
- ❑ Jury's Choice: Mélanie CAMBUS*, "Structured & Interactive Summarization" (Nokia France Students Awards)

New associate members

- ❑ Andrea Araldo (Télécom Paris Sud)
- ❑ Leonardo Linguaglossa (Télécom Paris)
- ❑ Tianzhu Zhang (Nokia Bell Labs)

New researchers

- ❑ Ilia Shilov (PhD - Inria)
- ❑ Sébastien Samain (PhD – Inria)
- ❑ Ayoub Ben Ameer (PhD – NBLF)
- ❑ Abhishek Mishra (Intern – Inria)
- ❑ Théo Delemazure (Intern – NBLF)

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On Twitter: https://twitter.com/LINCS_Paris

On YouTube: https://www.youtube.com/channel/UC8K10O_xmNUbeVJqLnrFNxQ

Come find us...

Join us at 23 avenue d'Italie, 75013 Paris (4th floor)
