

Complexity and Algorithms (CoA 2026)

lundi 5 octobre 2026 - mercredi 7 octobre 2026

ENS de Lyon, Descartes site

Programme Scientifique

Tentative Schedule:

Monday (Oct 5)

13h45-14h00: Opening and Welcome

14h00-15h00: **Invited talk: Nguyễn Kim Thắng**

15h00-15h20: Tatiana Starikovskaya - *Fiat-Naor function inversion and small-space data structures for string processing*

15h20-15h40: Laurent Feuilloley - *Complexity landscape for local certification*

15h40-16h20: Coffee break

16h20-16h40: Isabella Ziccardi - *No Distributed Quantum Advantage for 3-Coloring Rooted Trees and 2-Coloring Even Cycles*

16h40-17h00: Giannos Stamoulis - *Low monodimensionality fragments of MSO*

17h00-17h20:

Tuesday (Oct 6)

09h00-10h00: **Invited talk : Lélia Blin**

10h00-10h20: Joshua Sobel - *Distributed Sampling and Counting Algorithms*

10h20-10h40: Robin Vacus - *Population protocols on general graphs*

10h40-11h15: Coffee break

11h15-11h35: Shree Ganesh Srinivasan Jayakumar - *Border tensor decompositions*

11h35-11h55: Denis Antipov - *Complexity of Random Search Heuristics*

11h55-12h15: Kimon Boehmer - *Submodular Max-Min Allocation and the Configuration LP*

12h15-14h00: Lunch (on your own)

14h00-15h00: **Invited talk: Arnaud Labourel**

15h00-15h20: Shamisa Nematollahi - *Stochastic Multi-Robot Monitoring on Graphs*

15h20-15h40: Yaroslav Verbitsky - *Topological Characterisation of Clique Agreement*

15h40-16h20: Coffee break

16h20-16h40: Priyanshu Pant - *Exponential Lower Bounds for the Pfaffian Number of Graphs*

16h40-17h00: Nicolas Schivre - *Output-linear time enumeration of potential maximal cliques*

17h00-17h20: Aditi Dudeja - *Randomized Greedy Online Edge Coloring Succeeds for Dense and Randomly-Ordered Graphs*

Wednesday (Oct 7)

09h00-10h00: **Invited talk: Lianna Hambardzumyan**

10h00-10h20: Bruno Grenet - *Time- and space-efficient polynomial computations*

10h20-10h40: Lucas Perotin - *Strategic Facility Location in Euclidean Spaces*

10h40-11h15: Coffee break

11h15-11h35: Gaétan Berthe - *Parameterized Feedback Vertex Set and related problems in geometric intersection graphs*

11h35-11h55: Malory Marin - *Small Independent Sets versus Small Separator in Geometric Intersection Graphs*

11h55-12h15:

12h15-12h30: Final discussions and closing