NS'21 Course Programme MINF4573

Module coordinator: **Prof. Dr Claudio J. Tessone**

Session	Date	Instructor	Programme		
1	Mon, 20.09.2021	СТ	Lecture Assignment	Kickoff + Network theory A1: Network Theory	
2	Mon, 27.09.2021	СТ	Lecture Assignment	Higher-order properties A2: Network properties	
3	Mon, 04.10.2021	СС	Lecture Exercise	Centrality and ranking A3: Centrality	
4	Mon, 11.10.2021	СТ	Lecture Assignment	Community detection	
5	Mon, 18.10.2021	СС	Lecture Exercise	Random graphs and small-world A4: Communities	
6	Mon, 25.10.2021	СТ	Lecture Assignment	Scale-free networks A5: Scale-free networks	
7	Mon, 01.11.2021	СС	Lecture Exercise	Statistical inference A6: Statistical inference	
8	Mon, 08.11.2021	СТ	Lecture Assignment	Percolation and robustness	
9	Mon, 15.11.2021	СС	Lecture Exercise	Financial networks A7: Financial Networks	
10	Mon, 22.11.2021	СТ	Lecture Assignment	Spreading phenomena I	
11	Mon, 29.11.2021	СТ	Lecture Exercise	Spreading phenomena II	
12	Mon, 06.12.2021	СС	Lecture Assignment	Social networks	

Fri, 17.12.2021 Submission Final Projects

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Session	Date	Assignment Given	Deadline	Final Project	
1	Mon, 20.09.2021	A1: Network Theory			
2	Mon, 27.09.2021	A2: Network properties			
3	Mon, 04.10.2021	A3: Centrality	A1		
4	Mon, 11.10.2021		A2		
5	Mon, 18.10.2021	A4: Communities	A3		
6	Mon, 25.10.2021	A5: Scale-free networks			
7	Mon, 01.11.2021	A6: Statistical inference	A4		
8	Mon, 08.11.2021		A5	Selection begins	
9	Mon, 15.11.2021	A7: Financial Networks	A6		
10	Mon, 22.11.2021			Selection ends	
11	Mon, 29.11.2021		A7	Coordination	
12	Mon, 06.12.2021			Coordination	
	Fri, 17.12.2021	Submission Final Projects			