

Conference and summer school ”Structural Inference in High-Dimensional Models 2”

The conference will be held at the HSE University from August, 26 to August, 30, 2019.
Venue: HSE Management Training Center (Kochubey Mansion), 4 Radischeva Str., Pushkin,
St. Petersburg, RUSSIA, 196602.

PRELIMINARY PROGRAM (v. 1.02.2019)

August 26

	Speaker	Title
9:00-9:15		Welcome
09:15-10:15	Stephan Mallat	Mini-course: Mathematics of Deep Learning 1
10:15-10:45		Coffee break
10:45-11:45	Stephan Mallat	Mini-course: Mathematics of Deep Learning 2
12:00-13:00	Olga Klopp	Mini-course: Matrix Completion: old and new 1
13:00-15:00		Lunch and free time
15:00-15:45	session 1	talk 1
15:45-16:30	session 1	talk 1
16:30-17:00		Coffee break
17:00-17:45	session 1	talk 3
17:45-18:30	session 1	talk 4
19:00 –		Welcome party

August 27

	Speaker	Title
09:15-10:15	Olga Klopp	Mini-course: Matrix Completion: old and new 2
10:15-10:45	Coffee break	
10:45-11:45	Olga Klopp	Mini-course: Matrix Completion: old and new 3
12:00-13:00	Stephan Mallat	Mini-course: Mathematics of Deep Learning 3
13:00-15:00	Lunch and free time	
15:00-15:45	session 2	talk 1
15:45-16:30	session 2	talk 1
16:30-17:00	Coffee break	
17:00-17:45	session 2	talk 3
17:45-18:30	session 2	talk 4
19:00 –	Poster session	

August 28

	Speaker	Title
09:15-10:00	session 3	talk 1
10:00-10:45	session 3	talk 2
10:45-11:15	Coffee break	
11:15-12:00	session 3	talk 3
12:00-12:45	session 3	talk 4
13:00-14:00	Lunch	
14:00-18:00	Excursion	
19:30-20:30	Evening talk	

August 29

	Speaker	Title
09:15-10:15	Mikhail Lifshitz	Mini-course: How complex is a random picture 1
10:15-10:45	Coffee break	
10:45-11:45	Mikhail Lifshitz	Mini-course: How complex is a random picture 2
12:00-13:00	Christophe Andrieu	Mini-course: Irreversibility, Hypocoercivity and Piecewise deterministic MCMC 1
13:00-15:00	Lunch and free time	
15:00-15:45	session 4	talk 1
15:45-16:30	session 4	talk 1
16:30-17:00	Coffee break	
17:00-17:45	session 4	talk 3
17:45-18:30	session 4	talk 4
19:30 –	Conference dinner	

August 30

	Speaker	Title
09:15-10:15	Christophe Andrieu	Mini-course: Irreversibility, Hypocoercivity and Piecewise deterministic MCMC 2
10:15-10:45	Coffee break	
10:45-11:45	Christophe Andrieu	Mini-course: Irreversibility, Hypocoercivity and Piecewise deterministic MCMC 3
12:00-13:00	Mikhail Lifshitz	Mini-course: How complex is a random picture 3
13:00 - 13:15	The end	
13:15-15:00	Lunch	
15:00–	Discussion	

ABSTRACTS

Christophe Andrieu (University of Bristol),
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Irreversibility, Hypocoercivity and Piecewise deterministic MCMC

TBA

Olga Klopp (ESSEC Business School),
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Matrix Completion: old and new

TBA

Mikhail Lifshitz (St.Petersburg State University. Math. Mech. Dept.),
e-mail:

How complex is a random picture

TBA

Stephan Mallat (College de France),
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Mathematics of Deep learning

TBA

Speaker (Affiliation),
e-mail:
Title

Abstract