

HORAIRE / *PROGRAM*

CONFÉRENCE

ALGÈBRE HOMOLOGIQUE, ANALYSE MICROLOCALE ET
GÉOMÉTRIE SYMPLECTIQUE

24 au 28 juin 2019

CONFERENCE

*HOMOLOGICAL ALGEBRA, MICROLOCAL ANALYSIS AND
SYMPLECTIC GEOMETRY*

June 24–28, 2019

CONFÉRENCES : salle 5340 (Pavillon André-Aisenstadt)

INSCRIPTION : salle 5345 (Pavillon André-Aisenstadt)

PAUSES-CAFÉ : salle 6245 (Salon Maurice-l'Abbé, Pavillon André-Aisenstadt)

LECTURES: *Room 5340 (Pavillon André-Aisenstadt)*

REGISTRATION: *Room 5345 (Pavillon André-Aisenstadt)*

COFFEE BREAKS: *Room 6245 (Salon Maurice-l'Abbé, Pavillon André-Aisenstadt)*

Le lundi 24 juin 2019 / Monday, June 24, 2019

09:00–09:30 Inscription (salle 5345) et café-croissants (salle 6245)
Registration (Room 5345) and Coffee & Croissants (Room 6245)

09:30–10:30 Frédéric Bourgeois (Université Paris-Sud)
“Sheaf quantization of augmented Legendrians and contact homology”

10:45–11:45 Sylvain Courte (Université Grenoble Alpes)
“Twisted generating functions and the nearby Lagrangian conjecture”

11:45–13:30 Pause-déjeuner / *Lunch break*

13:30–14:30 Xin Jin (Boston College)
“Microlocal brane structures and the classifying map”

14:45–15:45 Jun Zhang (Tel-Aviv University)
“Large-scale geometry and sheaves”

15:45–16:15 Pause-café / *Coffee break*

16:15–17:15 Baptiste Chantraine (Université de Nantes)
“Application of Floer theory for Lagrangian cobordisms”

Le mardi 25 juin 2019 / *Tuesday, June 25, 2019*

09:00–09:30 Café croissants / *Coffee & Croissants*

09:30–10:30 Mohammed Abouzaid (Columbia University)
“A sheaf-theoretic model for $SL(2, C)$ Floer homology”

10:45–11:45 Saraswathi Venkatesh (Institute for Advanced Study)
“Symplectic cohomology of subdomains”

11:45–14:30 Pause-déjeuner / *Lunch break*

14:45–15:45 Tatsuki Kuwagaki (Kavli Institute for the Physics and Mathematics of the Universe)
“Irregular Riemann-Hilbert correspondence and Fukaya category”

15:45–16:15 Pause-café / *Coffee break*

16:15–17:15 David Nadler (University of California, Berkeley)
“Betti Geometric Langlands for symplectic geometers”

Le mercredi 26 juin 2019 / Wednesday, June 26, 2019

09:00–09:30 Café croissants / *Coffee & Croissants*

09:30–10:30 Oleg Lazarev (Columbia University)
“Geometric and algebraic relations for Weinstein domains”

10:45–11:45 Kyler Siegel (Columbia University)
“Higher symplectic capacities”

11:45–13:30 Pause-déjeuner / *Lunch break*

13:30–14:45 Nicolas Vichery (Université Claude Bernard Lyon 1)
“Non-displaceability in symplectic reduction with a microlocal point of view”

14:45–15:45 Antoine Fermé (Université Paris-Sud)
“Cobordisms of Legendrians and of their generating families”

15:45–16:15 Pause-café / *Coffee break*

16:15–17:15 Vivek Shende (UC Berkeley)
“Counting of higher genus curves, and knot invariants”

Le jeudi 27 juin 2019 / Thursday, June 27, 2019

09:00–09:30 Café croissants / *Coffee & Croissants*

09:30–10:30 Dan Rutherford (Ball State University)

“Normal rulings, DG-algebra representations, and the colored HOMFLY-PT polynomial”

10:45–11:45 Michael Sullivan (University of Massachusetts)

“Constructible sheaves via augmentations for Legendrian surfaces”

11:45–13:30 Pause-déjeuner / *Lunch break*

13:30–14:30 Honghao Gao (Université de Grenoble-Alpes)

“Augmentations and sheaves for links”

14:45–15:45 Tao Su (École Normale Supérieure)

“Augmentations and sheaves for Legendrian graphs”

15:45–16:15 Pause-café / *Coffee break*

16:15–17:15 Alexandru Oancea (Sorbonne Université)

“Poincaré duality for symplectic homology”

Le vendredi 28 juin 2019 / *Friday, June 28, 2019*

09:00–09:30 Café croissants / *Coffee & Croissants*

09:30–10:30 Paolo Ghiggini (CNRS et Université de Nantes)

“Generators of the wrapped Fukaya category of Weinstein sectors”

10:45–11:45 Paul Biran (ETH)

“Metrics on the space of Lagrangian submanifolds”