

HORAIRE / *PROGRAM*

ÉCOLE D'ÉTÉ SMS 2019

TENDANCES ACTUELLES EN TOPOLOGIE SYMPLECTIQUE

1 au 12 juillet 2019

SMS 2019 SUMMER SCHOOL

CURRENT TRENDS IN SYMPLECTIC TOPOLOGY

July 1–12, 2019

Le lundi 1 juillet 2019 / Monday, July 1, 2019

08:30–09:00 Café croissants / *Coffee & Croissants*

09:00–10:00 Viktor L. Ginzburg (University of California, Santa Cruz)
“Periodic orbits of Hamiltonian systems: from the Conley conjecture to pseudo-rotations I”

10:00–10:30 Pause-café / *Coffee break*

10:30–11:30 Michael Hutchings (UC Berkeley)
“Embedded contact homology and dynamics I”

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

13:30–14:30 Yaron Ostrover (Tel Aviv University)
“Symplectic Measurements I”

14:30–15:00 Pause-café / *Coffee break*

15:00–16:00 Nancy Hingston (The College of New Jersey)
“Loop products, closed geodesics and self-intersections I”

16:15–17:15 Baptiste Chantraine (Université de Nantes)
“Tips and tricks I”

Le mardi 2 juillet 2019 / *Tuesday, July 2, 2019*

08:30–09:00 Café croissants / *Coffee & Croissants*

09:00–10:00 Michael Hutchings (UC Berkeley)
“Embedded contact homology and dynamics II”

10:00–10:30 Pause-café / *Coffee break*

10:30–11:30 Emmy Murphy (Northwestern University)
“Arboreal singularities from Legendrian viewpoint I”

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

13:30–14:30 François Lalonde (Université de Montréal)
“Geometry of the Poisson bracket I”

14:30–14:50 Pause-café / *Coffee break*

14:50–15:20 Shira Tanny (Tel-Aviv University)
“Short research talks I”

15:30–16:00 Vukašin Stojisavljevic (Tel-Aviv University)
“Short research talks II”

16:15–17:30 Open Problems / *Open Problems*

17:45– Cocktail de bienvenue / *Welcoming reception*

Le mercredi 3 juillet 2019 / Wednesday, July 3, 2019

08:00–08:30 Café croissants / *Coffee & Croissants*

08:30–09:30 Yaron Ostrover (Tel Aviv University)
“Symplectic Measurements II”

09:45–10:45 Emmy Murphy (Northwestern University)
“Arboreal singularities from Legendrian viewpoint II”

10:45–11:00 Pause-café / *Coffee break*

11:00–12:00 Viktor L. Ginzburg (University of California, Santa Cruz)
“Periodic orbits of Hamiltonian systems: from the Conley conjecture to pseudo-rotations II”

12:00–13:30 Pause-déjeuner / *Lunch break*

13:30–14:30 François Charette (Marianopolis College)
“Tips and Tricks II”

Le jeudi 4 juillet 2019 / Thursday, July 4, 2019

08:30–09:00 Café croissants / *Coffee & Croissants*

09:00–10:00 Emmy Murphy (Northwestern University)
“Arboreal singularities from Legendrian viewpoint III”

10:00–10:30 Pause-café / *Coffee break*

10:30–11:30 Nancy Hingston (The College of New Jersey)
“Loop products, closed geodesics and self-intersections II”

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

13:30–14:30 Michael Hutchings (UC Berkeley)
“Embedded contact homology and dynamics III”

14:30–15:00 Pause-café / *Coffee break*

15:00–16:00 François Lalonde (Université de Montréal)
“Geometry of the Poisson bracket II”

16:15–17:30 Open Problems / *Open Problems*

Le vendredi 5 juillet 2019 / *Friday, July 5, 2019*

08:30–09:00 Café croissants / *Coffee & Croissants*

09:00–10:00 Nancy Hingston (The College of New Jersey)
“Loop products, closed geodesics and self-intersections III”

10:00–10:30 Pause-café / *Coffee break*

10:30–11:30 François Lalonde (Université de Montréal)
“Geometry of the Poisson bracket III”

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

13:30–14:30 Yaron Ostrover (Tel Aviv University)
“Symplectic Measurements III”

14:30–15:00 Pause-café / *Coffee break*

15:00–16:00 Viktor L. Ginzburg (University of California, Santa Cruz)
“Periodic orbits of Hamiltonian systems: from the Conley conjecture to pseudo-rotations III”

16:15–17:15 Yu Pan (Massachusetts Institute of Technology)
“Tips and Tricks III”

Le lundi 8 juillet 2019 / Monday, July 8, 2019

08:30–09:00 Café croissants / *Coffee & Croissants*

09:00–10:00 Michael Usher (University of Georgia)
“Persistence modules in symplectic topology I”

10:00–10:30 Pause-café / *Coffee break*

10:30–11:30 Dusa McDuff (Columbia University)
“Symplectic embedding problem I”

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

13:30–14:30 Paul Seidel (MIT)
“Quantum Steenrod Operations I”

14:30–15:00 Pause-café / *Coffee break*

15:00–16:00 John Pardon (Princeton University)
“Structural results in wrapped Floer theory I”

16:10–16:40 Noémie Legout (ShanghaiTech University)
“Short research talks III”

16:45–17:15 Nicholas Wilkins (MIT)
“Short research talks IV”

Le mardi 9 juillet 2019 / Tuesday, July 9, 2019

08:30–09:00 Café croissants / *Coffee & Croissants*

09:00–10:00 Mohammed Abouzaid (Columbia University)
“Floer Homotopy theory I”

10:00–10:30 Pause-café / *Coffee break*

10:30–11:30 Tobias Ekholm (Uppsala University)
“Skeins on Branes I”

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

13:30–14:30 Michael Usher (University of Georgia)
“Persistence modules in symplectic topology II”

14:30–15:00 Pause-café / *Coffee break*

15:00–16:00 John Pardon (Princeton University)
“Structural results in wrapped Floer theory II”

16:15–17:15 Paul Seidel (MIT)
“Quantum Steenrod Operations II”

17:30– Cocktail / *Reception*

Le mercredi 10 juillet 2019 / *Wednesday, July 10, 2019*

08:00–08:30 Café croissants / *Coffee & Croissants*

08:30–09:30 Mohammed Abouzaid (Columbia University)
“Floer Homotopy theory II”

09:45–10:45 Tobias Ekholm (Uppsala University)
“Skeins on Branes II”

10:45–11:00 Pause-café / *Coffee break*

11:00–12:00 Yakov Eliashberg (Stanford University)
“Arborealization I”

12:00–13:30 Pause-déjeuner / *Lunch break*

13:30–14:30 Clément Hyvrier (Cégep de Saint Laurent)
“Tips and tricks IV”

Le jeudi 11 juillet 2019 / Thursday, July 11, 2019

08:30–09:00 Café croissants / *Coffee & Croissants*

09:00–10:00 Dusa McDuff (Columbia University)
“Symplectic embedding problem II”

10:00–10:30 Pause-café / *Coffee break*

10:30–11:30 Paul Seidel (MIT)
“Quantum Steenrod Operations III”

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

13:30–14:30 Yakov Eliashberg (Stanford University)
“Arborealization II”

14:30–15:00 Pause-café / *Coffee break*

15:00–16:00 Tobias Ekholm (Uppsala University)
“Skeins on Branes III”

16:10–16:40 Yusuf Baris Kartal (MIT)
“Short research talks V”

16:45–17:15 Jeffrey Stephen Hicks (UC Berkeley)
“Short research talks VI”

Le vendredi 12 juillet 2019 / *Friday, July 12, 2019*

08:00–08:30 Café croissants / *Coffee & Croissants*

08:30–09:30 Yakov Eliashberg (Stanford University)
“Arborealization III”

09:45–10:45 Michael Usher (University of Georgia)
“Persistence modules in symplectic topology III”

10:45–11:00 Pause-café / *Coffee break*

11:00–12:00 John Pardon (Princeton University)
“Structural results in wrapped Floer theory III”

12:00–13:30 Pause-déjeuner / *Lunch break*

13:30–14:30 Dusa McDuff (Columbia University)
“Symplectic embedding problem III”