

Monday

Summer School Schedule

Time	Session	Details
08:30–10:30	Course	Course A: Energy measures and applications. <i>Mathav Murugan</i>
10:30–11:00	Coffee break	—
11:00–11:30	Junior talk	Anjali Shriwastawa. <i>Hardy inequalities on metric measure spaces</i>
11:30–12:00	Junior talk	Brian Chao. <i>Dirichlet eigenfunction and heat kernel estimates on annular domains</i>
12:00–13:30	Lunch	—
13:30–15:30	Course	Course B: Gromov hyperbolicity, uniformization, and potential theory. <i>Nageswari Shanmugalingam</i>
15:30–16:00	Coffee break	—
16:00–16:30	Junior talk	Liangbing Luo. <i>Discrete approximation on metric measure spaces of controlled geometry via graphs: Dirichlet forms and harmonic functions</i>
16:30–17:00	Junior talk	Tapendu Rana. <i>Pitt’s Inequality on Riemannian Symmetric Spaces of Noncompact Type</i>
17:00–17:30	Junior talk	Simon Hermann. <i>Products of fractals, coordinates and diffusion coefficients</i>

Junior talk slots are 30 minutes, including questions and changeover.

Tuesday

Summer School Schedule

Time	Session	Details
08:30–10:30	Course	Course C: The Sard conjecture in sub-Riemannian geometry. <i>Luca Rizzi</i>
10:30–11:00	Coffee break	—
11:00–11:30	Junior talk	Hongyi Chen. <i>Martin Boundary and Weak Disorder</i>
11:30–12:00	Junior talk	Juan Jimenez. <i>Spatial covariance of KPZ from flat initial profile</i>
12:00–13:30	Lunch	—
13:30–15:30	Course	Course D: Some aspects of parabolic Anderson models. <i>Samy Tindel</i>
15:30–16:00	Coffee break	—
16:00–16:30	Junior talk	Søren Kjaersgaard. <i>Parabolic Anderson Models on Metric Measure Spaces: Existence and Uniqueness of Solutions on the Entire Space</i>
16:30–17:00	Junior talk	Yifan (Johnny) Yang. <i>Singular SPDEs on Rough Spaces</i>

Junior talk slots are 30 minutes, including questions and changeover.

Wednesday

Summer School Schedule

Time	Session	Details
08:30–10:30	Course	Course A: Energy measures and applications. <i>Mathav Murugan</i>
10:30–11:00	Coffee break	—
11:00–11:30	Junior talk	André Considera. <i>Renormalization Group on Wiener Space: Spectral Theory and Universality</i>
11:30–12:00	Junior talk	Lihong Guo. <i>Renormalization group method for fractional noise driven systems</i>
12:00–13:30	Lunch	—
13:30–15:30	Course	Course B: Gromov hyperbolicity, uniformization, and potential theory. <i>Nageswari Shanmugalingam</i>
15:30–16:00	Coffee break	—
16:00–16:30	Junior talk	Andrea Vanessa Hurtado Quiceno. <i>Hypocoercive Langevin dynamics on the Lie group $SE(2)$</i>
16:30–17:00	Junior talk	Teije Kuijper. <i>Stochastic areas on flag manifolds</i>
17:00–17:30	Junior talk	Alexandre Reber. <i>Brownian functionals on Hermitian symmetric spaces of non-compact type</i>
17:30–18:30	Break	—
18:30	Dinner	Mathematics canteen

Junior talk slots are 30 minutes, including questions and changeover.

Thursday

Summer School Schedule

Time	Session	Details
08:30–10:30	Course	Course C: The Sard conjecture in sub-Riemannian geometry. <i>Luca Rizzi</i>
10:30–11:00	Coffee break	—
11:00–11:30	Junior talk	Ilias Ftouhi. <i>Geometric properties of optimizers for the maximum gradient of the torsion function</i>
11:30–12:00	Junior talk	João Fontinha. <i>Counterexamples in Laplace transforms and non-uniqueness of solutions for the Cauchy problem of the heat equation</i>
12:00–13:30	Lunch	—
13:30–15:30	Course	Course D: Some aspects of parabolic Anderson models. <i>Samy Tindel</i>
15:30–16:00	Coffee break	—
16:00–17:00	Course	Course D: Some aspects of parabolic Anderson models. <i>Samy Tindel</i>
17:00–17:30	Junior talk	Shyam Swarup Mondal. <i>Refined Strichartz estimates and their orthonormal counterparts for Schrödinger equations on torus</i>

Junior talk slots are 30 minutes, including questions and changeover.

Friday

Summer School Schedule

Time	Session	Details
08:30–09:30	Course	Course A: Energy measures and applications. <i>Mathav Murugan</i>
09:30–10:30	Course	Course B: Gromov hyperbolicity, uniformization, and potential theory. <i>Nageswari Shanmugalingam</i>
10:30–11:00	Coffee break	—
11:00–11:30	Junior talk	Filippo Giannoni. <i>Sampling on Infinite-Dimensional Paley–Wiener spaces on graphs</i>
11:30–12:00	Junior talk	Jakob Kellermann. <i>Signature Kernel Ridge Regression</i>
12:00–13:30	Lunch	—
13:30–14:30	Course	Course C: The Sard conjecture in sub-Riemannian geometry. <i>Luca Rizzi</i>
14:30	Farewell	—