

Junior Math Days, SISSA 2022

Report of Contributions

Contribution ID: 1

Type: **not specified**

Compatible and reliable numerical modelling with PDEs

Monday, December 5, 2022 9:15 AM (1 hour)

Numerical Analysis (AMMA)

Primary author: Prof. CANGIANI, Andrea (SISSA)

Presenter: Prof. CANGIANI, Andrea (SISSA)

Contribution ID: 2

Type: **not specified**

Curves, ideals and boxes

Monday, December 5, 2022 10:15 AM (55 minutes)

Algebraic Geometry (GMP)

Primary author: Prof. RICOLFI, Andrea (SISSA)

Presenter: Prof. RICOLFI, Andrea (SISSA)

Contribution ID: 3

Type: **not specified**

Periodic and quasi-periodic vortex patch motion

Monday, December 5, 2022 11:40 AM (1 hour)

Presenter: Dr ROULLEY, Emeric

Contribution ID: 4

Type: **not specified**

An invitation to sub-Riemannian geometry

Monday, December 5, 2022 12:40 PM (55 minutes)

Sub-Riemannian Geometry and Geometric Control Theory (AMMA)

Presenter: Prof. RIZZI, Luca

Contribution ID: 5

Type: **not specified**

Ph.D. Students Meeting

Monday, December 5, 2022 3:00 PM (1h 15m)

TBA

Contribution ID: 6

Type: **not specified**

Ph.D. Students Meeting

Monday, December 5, 2022 4:45 PM (1h 15m)

TBA

Contribution ID: 7

Type: **not specified**

Universality in classical and quantum mathematical physics

Tuesday, December 6, 2022 9:15 AM (1 hour)

Mathematical Physics (AMMA/GMP)

Presenter: Dr GALLONE, Matteo (SISSA)

Contribution ID: 8

Type: **not specified**

Differential geometry inspired by mirror symmetry

Tuesday, December 6, 2022 10:15 AM (55 minutes)

Algebraic and Complex Geometry (GMP)

Presenter: Prof. STOPPA, Jacopo (SISSA)

Contribution ID: 9

Type: **not specified**

Analytic continuations, black hole perturbations and CFT

Tuesday, December 6, 2022 11:40 AM (1 hour)

Mathematical Physics (GMP)

Presenter: Dr IOSSA, Cristoforo

Contribution ID: **10**

Type: **not specified**

Disguised toric dynamical systems

Tuesday, December 6, 2022 12:40 PM (55 minutes)

Real algebraic geometry (AMMA/GMP)

Presenter: Dr SOREA, Miruna Stefana (SISSA)

Contribution ID: **11**

Type: **not specified**

Ph.D. Students Meeting

Tuesday, December 6, 2022 3:00 PM (1h 15m)

TBA

Contribution ID: 12

Type: **not specified**

Ph.D. Students Meeting

Tuesday, December 6, 2022 4:45 PM (1h 15m)

TBA

Contribution ID: 13

Type: **not specified**

Why Math in a Lab? Cell motility, plant morphogenesis, and bioinspiration

Wednesday, December 7, 2022 9:15 AM (1 hour)

Solid and Structural Mechanics (AMMA)

Presenter: Prof. NOSELLI, Giovanni

Contribution ID: 14

Type: **not specified**

Integrable systems and inverse scattering theory

Wednesday, December 7, 2022 10:15 AM (55 minutes)

Mathematical Physics (GMP)

Presenter: Dr ORSATTI, Giuseppe (SISSA)

Contribution ID: 15

Type: **not specified**

Model Order Reduction: Fundamentals and Applications

Wednesday, December 7, 2022 11:40 AM (1 hour)

Numerical Analysis (AMMA)

Presenter: Dr TORLO, Davide

Contribution ID: **16**

Type: **not specified**

Ph.D. Students Meeting

Wednesday, December 7, 2022 12:40 PM (55 minutes)

TBA