

**Shapes of thought: geometry,  
mathematical physics, and  
philosophy - A conference in  
honor of Claudio Bartocci's  
60th birthday**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **3 topics, 40 years, and lots of fun**

*Monday, October 24, 2022 3:00 PM (1 hour)*

**Presenter:** BRUZZO, Ugo (SISSA/UFPB)

Contribution ID: 2

Type: **not specified**

## Instanton sheaves, the next frontier

*Monday, October 24, 2022 4:30 PM (1 hour)*

**Presenter:** JARDIM, Marcos (Unicamp)

Contribution ID: 3

Type: **not specified**

## **How to integrate the quantum differential equations of varieties?**

*Monday, October 24, 2022 5:30 PM (1 hour)*

**Presenter:** COTTI, Giordano (Universidade de Lisboa)

Contribution ID: 4

Type: **not specified**

## **Poisson quasi-Nijenhuis manifolds and integrable systems**

*Tuesday, October 25, 2022 2:00 PM (1 hour)*

**Presenter:** PEDRONI, Marco (Università di Bergamo)

Contribution ID: 5

Type: **not specified**

## Unitarization of the Radon transform

*Tuesday, October 25, 2022 3:00 PM (1 hour)*

**Presenter:** DE MARI, Filippo (Università di Genova)

Contribution ID: 6

Type: **not specified**

## On the amenability problem for path and loop groups

*Tuesday, October 25, 2022 4:30 PM (1 hour)*

**Presenter:** PESTOV, Vladimir (UFPB/uOttawa)

Contribution ID: 7

Type: **not specified**

## **Fukaya category of surfaces and pants decomposition**

*Wednesday, October 26, 2022 2:00 PM (1 hour)*

**Presenter:** SIBILLA, Nicolò (SISSA)



Contribution ID: 8

Type: **not specified**

## **How theoretical models may shape sociality: the case of multi-messenger astrophysics**

*Wednesday, October 26, 2022 3:00 PM (1 hour)*

**Presenter:** GUZZARDI, Luca (Università di Milano)

Contribution ID: 9

Type: **not specified**

## SUSY Nori Motives

*Wednesday, October 26, 2022 4:30 PM (1 hour)*

**Presenter:** HERNÁNDEZ RUIPÉREZ, Daniel (Universidad de Salamanca)

Contribution ID: **10**

Type: **not specified**

# The moduli space of linear control systems

**Presenter:** TACCHELLA, Alberto (Fondazione Bruno Kessler)

Contribution ID: 11

Type: **not specified**

## **Atiyah sequences of braided Lie algebras and their splittings**

*Thursday, October 27, 2022 2:00 PM (1 hour)*

**Presenter:** LANDI, Giovanni (Università di Trieste)

Contribution ID: 12

Type: **not specified**

# **Generalized Wronskians, Schubert Calculus and integrals on the Sato Universal Grassmann Manifold**

*Thursday, October 27, 2022 3:00 PM (1 hour)*

**Presenter:** GATTO, Letterio (Politecnico di Torino)

Contribution ID: 13

Type: **not specified**

## The moduli space of linear control systems

*Thursday, October 27, 2022 4:30 PM (1 hour)*

**Presenter:** TACCHELLA, Alberto (Fondazione Bruno Kessler)

Contribution ID: 14

Type: **not specified**

## **Hamiltonian integrable systems: methods and results**

*Friday, October 28, 2022 2:00 PM (1 hour)*

**Presenter:** FALQUI, Gregorio (SISSA/Università di Milano-Bicocca)

Contribution ID: 15

Type: **not specified**

## Remarks on Penrose integral transform

*Friday, October 28, 2022 3:00 PM (1 hour)*

**Presenter:** SZCZECINIARZ, Jean-Jacques (HPS, Laboratoire SPHERE)



Contribution ID: 16

Type: **not specified**

## **Lagrangian fibrations on hyper-Kähler fourfolds**

*Friday, October 28, 2022 4:30 PM (1 hour)*

**Presenter:** MACRÌ, Emanuele (Université Paris-Saclay)