

FORTHEM Collective Short-Term Mobility**Master Class «Algebraic Geometry & Physics»**

Organising university: University of Burgundy (Dijon, FRANCE)

Location of the event: Institut de Mathématiques de Bourgogne, Dijon, FRANCE

Organisers: Daniele Faenzi (PR IMB, Dijon), Lucy Moser-Jauslin (PR IMB, Dijon), Ronan Terpereau (MCF IMB, Dijon).

Project description: We plan a Master Class of Mathematics with 4 mini-courses of 5 hours each (including 4 lectures of 1h and 1 exercise / question session of 1h). The 4 mini-courses will be given by:

* Adrien Dubouloz (CR CNRS) and Lucy Moser-Jauslin (PR Dijon)

* Guido Carlet (PR Dijon)

* Manfred Lehn (PR Mainz)

* Duco van Straten (PR Mainz)

Day by day programme: 28th August 2023 - 01st September 2023

Day and date	Morning	Afternoon	Evening
Day 1 28.08.2023		Four 1h lectures	
Day 2 29.08.2023	Three 1h lectures	One 1h lecture + One 1h exercise session	Social buffet
Day 3 30.08.2023	Two 1h lectures + One 1h exercise session	Free Afternoon	
Day 4 31.08.2023	Two 1h lectures + One 1h exercise session	One 1h lecture + One 1h exercise session	
Day 5 01.09.2023	Three 1h lectures		

Eligibility criteria and selection criteria specific to this project: The Master Class targets Algebraic Geometry and Physics. Therefore, only students who have completed a first year of a master's degree in fundamental mathematics or theoretical physics can apply. If you wish to participate, please send us a one-page CV, a transcript of your grades, and a one-page motivational letter.