



INSTITUTE OF MATHEMATICS

POLISH ACADEMY OF SCIENCES

Scholarship for MSc or PhD student in *Algebraic Geometry in Warsaw*

The scholarships are offered within the Sonata Bis grant "[Complex contact manifolds and geometry of secants \(CoCoMaGeS\)](#)" supported by NCN (National Science Center, Poland).

[Institute of Mathematics of PAS](#) announces an open call for 1 scholarship for an MSc student or a PhD student. Only one of those scholarships will be awarded.

Details and conditions of the MSc scholarship:

- Period of the scholarship *May 2023 - April 2024 (12 months)*.
- At the starting date the applicant must be enrolled to an *MSc program* at a Polish university specialising in mathematics (or very close areas of science).
- Candidates are expected to have at least basic knowledge of *algebraic geometry* or properly demonstrate their interest in learning this branch of mathematics.
- The successful candidate is expected to prepare his/her Master thesis under the *supervision* of one of the CoCoMaGeS team members.
- The successful student will receive a scholarship of *1000PLN per month*.

Details and conditions of the PhD scholarship:

- Period of the scholarship *May 2023 - September 2023 (5 months)*.
- At the starting date the applicant must be enrolled to a *PhD program* at a Polish institution specialising in mathematics.
- Candidates are required to have at least basic knowledge of *algebraic geometry*.
- Students must plan to work in one of the topics of the project: *(complex) contact manifolds, quaternionic-Kähler manifolds, twistor constructions, quaternion geometry, secant varieties, tensor rank, Waring rank, and/or Hilbert schemes*. Prior experience in these or related topics will be beneficial for the application.
- The successful candidate is expected to work under the *supervision* of [Jarosław Buczyński](#) and collaborate with other team members listed on the project webpage.
- The successful student will receive a scholarship of *2400PLN per month*.

Formalities:

The fellow must respect the NCN rules of funding, including those listed on page 7 of [this document](#). Details of the application procedure are available at

https://www.mimuw.edu.pl/~jabu/projects/cocomages/final_student.html

Applications should be submitted before 11 April 2023 via **e-mail** to the principal investigator of the project Jarosław Buczyński, jabu@mimuw.edu.pl, with the **subject line** containing the project abbreviation "**[CoCoMaGeS]**".

Deputy Director
Institute of Mathematics of PAS

Dr. hab. Piotr Nowak