PhD scholarship
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 the Polish Academy of Sciences in Warsaw www.impan.pl announces an open call for

a 2-year long **PhD scholarship** under the supervision of Jarosław Buczyński in collaboration with other team members listed on the project webpage.
Details and conditions:

- Approximate starting date: **1st October 2020**.

- 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.

A successful student will receive a scholarship of 2200 PLN per month. In addition, the researcher will be granted a limited access to research costs, such as travel to conferences etc. The fellow must respect the NCN rules of funding, i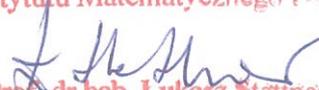ncluding those listed on page 7 of this document (https://www.ncn.gov.pl/sites/default/files/pliki/koszty_w_projektach_maestro9_harmonia9_sonata13_sonata_bis7.pdf). In particular, **no salary from NCN** is allowed at the same time as his/her scholarship in the project (page 7, subsection 2.1.3, item (b)). Also this document (https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2016/uchwala96_2016-zal1.pdf) is relevant to the recruitment process.
The position comes with no additional teaching duties (except those required as a part of the PhD studies).

Each application should contain a brief (1-2 pages) **research plan** and a CV with a list of achievements and publications. In addition, it is suggested that the applicant arranges one recommendation letter to be sent directly by the referee.

Applications should be submitted before August 23, 2020 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]**". All other related inquiries should also be sent in the same way.

The applications will be analysed by the committee of Piotr Achinger, Jarosław Buczyński (chair), and Michał Kapustka. The committee reserves the right to **interview** the best candidates prior to the decision. The decisions should be sent around Sept 10, 2020.

DYREKTOR
Instytutu Matematycznego PAN

Prof. dr hab. Łukasz Stettner