Institute of Mathematics of the Polish Academy of Sciences
announces the competition
on doctoral scholarship number 4
as part of the NCN MAESTRO project „*Dynamic asymptotic combinatorics*"
(head: Prof. Piotr Śniady)

The scholarship is PLN 4,500 per month for a period of 36 months. If the candidate is a doctoral student at a doctoral school, the above amount will be paid in full to the candidate. Otherwise, if the candidate gets to the doctoral school as part of the funds of this scholarship, the above amount will be reduced by the costs associated with servicing the doctoral school, payment of social security contributions, etc.

In addition to the scholarship, a doctoral student has the right to apply for scholarships financed from other funds. In addition, it is possible to finance trips to domestic and foreign conferences, etc.

It is expected that the doctoral student will conduct active scientific and research activity in the field related to the research grant, cooperate with other members of the research team and that he/she will prepare a doctoral dissertation.

The cities of **Toruń or Kraków** will be the main workplace of the doctoral student.

The ideal candidate is a graduate of mathematics, computer science or physics and has knowledge and skills in combinatorics (especially algebraic and enumerative combinatorics), representation theory, probability theory, random matrix theory, free probability theory of Voiculescu, mathematical physics. Programming skills are welcome, especially in Python / Sage. **Non-ideal candidates are also welcome.**

Details of the research project. A complete project description available at `http://psniady.impan.pl/jobs` can help you prepare your application.

Formal requirements. The scholarship may be awarded to a person who meets at least one of the conditions specified in the "Regulations on the Granting of Scholarships II" (Annex to the NCN Council Resolution 96/2016 of 27 October 2016) §3, point 4). One of the doctoral student's obligations will be to undertake doctoral studies at a doctoral school. Suggested doctoral schools: Doctoral School of Exact and Natural Sciences of the University of Warsaw (it is co-created by the Institute of Mathematics of the Polish Academy of Sciences); Academia Copernicana of Nicolaus Copernicus University or Nicolaus Copernicus Doctorate School of Exact and Natural Sciences; Doctoral School of Exact and Natural Sciences of the Jagiellonian University in Kraków.

Submissions. Applications containing:
• curriculum vitae,
• description of scientific interests, scientific achievements, awards and distinctions,
• list of publications,
• few words (but not more than one page of typescript) on the topic: why am I applying?
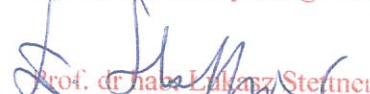• consent to the processing of personal data,
should be send by June 5, 2020 to the address of the principal investigator: `psniady@impan.pl`

During recruitment, the selection board reserves the right to conduct a job interview with the candidates (in the form of a teleconference), which aims, among others, to check the general mathematical culture of the candidates.

Legal Information. The scholarship will be awarded in accordance with the "Regulations on the Grant of Scholarships II" (Annex to the NCN Council Resolution 96/2016 of October 27, 2016) available at
`https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2016/uchwala-96_2016-zal1.pdf`

DYREKTOR
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