NARODOWE CENTRUM NAUKI

PhD scholarship which is a part of the grant NCN SONATA BIS
Nonlinear equations involving the curl-curl operator

It is expected that the PhD student will actively conduct research in the area of nonlinear curl-curl problems, which are motivated by nonlinear Maxwell equations and the Born-Infeld theory.

Qualifications: Master's degree (or equivalent) in mathematics, physics or computer science. The candidates should demonstrate good knowledge of mathematical analysis, functional analysis and partial differential equations.

Work conditions:

- Scholarship contract for 9 months starting from November 1, 2022, with a possibility of extension. The condition for receiving the scholarship is to be enrolled as a doctoral student in Poland not earlier than on 1 October 2019.
- Scholarship **3550** PLN per month. The amount 3550 PLN is tax-free and paid in full and may constitute an additional scholarship to the doctoral scholarship of the candidate.
- For additional information please contact the grant director
  dr hab. Jarosław Mederski, prof. IM PAN, email: `jmederski@impan.pl`.

Required application documents:

- CV.
- description of scientific interests.
- description of scientific achievements, awards and distinctions.
- list of publications (if applicable), talks during conferences and seminars.

For full consideration, the above documents should be sent by **October 14, 2022** to `jmederski@impan.pl`. The competition results will be announced as soon as possible, but on October 31, 2022 at the latest.
During recruitment, the selection board reserves the right to conduct interviews with candidates (in the form of a teleconference) only with selected candidates. The scholarship will be awarded in accordance with the regulations available in the Annex to the Council Resolution NCN 96/2016 of October 27, 2016 `https://ncn.gov.pl/sites/default/files/pliki/uchwaly-rady/2016/uchwala96_2016-zal1.pdf`

Signed by / Podpisano przez:

Piotr Wojciech Nowak

Date / Data:
2022-07-16 21:18