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

It is expected that the 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: Graduate student of mathematics, physics or computer science. The candidates should demonstrate good knowledge of mathematical analysis, functional analysis and partial differential equations.
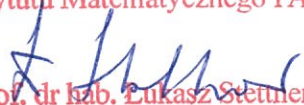
Work conditions:

- Scholarship contract for 20 months starting from December 1, 2021. The condition for receiving the scholarship is to be a student of graduate studies in Poland (at least fourth year of 5-years program, or studies after bachelor's degree – see details in the Annex to the Council Resolution NCN 96/2016 of October 27, 2016.
- Scholarship 1517 PLN per month. The amount 1517 PLN is tax-free and paid in full.
- For additional information please contact the grant director
  dr hab. Jarosław Mederski, prof. IM PAN, email: `jmederski@impan.pl`.

Required application documents:

- **CV**.
- **Scientific achievements:** e.g. awards and distinctions, talks during conferences and seminars (if possible), grades in analytical subjects. It could be included in CV.

For full consideration, the above documents should be sent by **November 23, 2021** to `jmederski@impan.pl`. The competition results will be announced as soon as possible, but on November 30, 2021 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`

DYREKTOR
Instytutu Matematycznego PAN

Prof. dr hab. Łukasz Stettner