



**SILESIAN
UNIVERSITY**

MATHEMATICAL INSTITUTE
IN OPAVA

Postdoctoral researcher position

Entrusted by the Rector of the Silesian University in Opava, the director of the Mathematics Institute in Opava invites applications for one postdoctoral researcher position in the Mathematics Institute.

Qualifications:

The applicant should receive his/her Ph.D. no longer than 8 years before January 1, 2021. (The time spent on maternal/parental leave or long-term illness is not counted into this 8-year period.)

Track record of productive research (publications in reputable international journals, preferably including some without co-authors).

Candidates must demonstrate strong promise of integration into research activities of the institute.

Fluency in English, both written and spoken, is required.

Job description:

The successful candidate will join the research team of Miroslav Englis and Petr Blaschke, focusing on research in the following areas: Hilbert spaces of holomorphic, harmonic and similar functions that possess reproducing kernels, the boundary behaviour of these kernels, and relationships to complex geometry; Berezin transforms associated to such spaces, their asymptotic expansions and related special functions, and applications to quantization; properties of related special functions; and properties of operators related to function theory on real and complex domains.

The successful candidate will be offered competitive salary with standard benefits.

Start date: The position is to be taken up on May 1, 2023 (a later date is possible upon mutual agreement), for the duration of 12 months. In case of mutual agreement, prolongation is possible.

Inquiries about the position can be addressed to: Miroslav Englis, Mathematics Institute in Opava, Na Rybníčku 1, 746 01 Opava, Czech Republic, email: Miroslav.Englis@math.slu.cz.

Application process:

A complete application must include curriculum vitae, list of publications, list of active participations at conferences including the titles of contributions, list of citations, and a research statement. These documents must be submitted to the email below no later than March 31, 2023.

The applicant should also arrange for 2 letters of recommendation, of which at most 1 can be from the Silesian University in Opava, to be sent directly to the email below, again no later than on March 31, 2023.

Successful candidates will be notified no later than on April 10, 2023.

We thank all applicants in advance for their interest.

Applications and recommendation letters should be sent to: postdoc23r@math.slu.cz.