



Centre for

**INDUSTRIAL APPLICATIONS OF MATHEMATICS
and SYSTEMS ENGINEERING**

"We solve problems"

Applications are invited from researchers and talented doctoral students for the position of

Senior Researcher*/ Researcher

(ref. R/16)

at the Centre for Industrial Applications of Mathematics and Systems Engineering (CIAMSE). Following the best British practice the Centre is involved in solving problems facilitated by companies and institutions using the mathematical thinking. The Centre's strategic goal is to develop *industrial mathematics* in Poland, which is a human activity which employs precise mathematical description and reasoning in order to solve real-world problems for the benefit of companies or institutions. The research is done for money supplied by the ones who find the results useful in their job. CIAMSE is engaged in a wide range of collaborative applied and computational mathematics projects under the broad headings of Applied Mathematics; Systems Engineering; Resources, Energy and Environment; Information and Communication Technology; Material Sciences and Engineering. More information on selected activities can be found at: www.maths.com.pl.

Applicants should be able to demonstrate an outstanding ability to generate new ideas as well as an excellent quantitative research and modeling skills. Strong drive to tackle new problems, an all-round experience, preferably also international, ability to communicate at all levels, including the provision of scientific advice to people outside academic community, will be an added advantage. Ability to work on multiple projects simultaneously while insuring accuracy and timeliness is crucial.

The successful candidates will have a PhD, preferably, in mathematical/economic sciences or engineering. Exceptional candidates from other fields, e.g. humanities, and talented doctoral students with proven track of record, are also encouraged to apply. In addition, she or he is expected to be accurate, systematic, self-reliant and willing to make personal contribution to CIAMSE development. Ability to formulate comprehensive conclusions and good spoken/written English and Polish are essential. Proven experience in the industry/business environment and past academic internships/appointments abroad will be considered an asset.

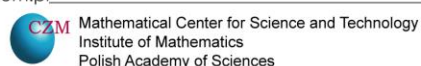
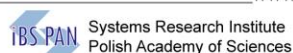
CIAMSE offers professional development by: participation in solving problems crucial for companies and institutions, trainings in Poland and UK (mainly in Cambridge and Oxford till date), an option of running your own projects within CIAMSE scope of interest. Basic salary is on the academic scale, but supplemented by competitive, result oriented bonus system. Various forms of contractual agreements are possible, also full/part time job and flex-time is permissible. Women are particularly encouraged to apply.

The application should include: covering letter and brief description of candidate research topics in English, CV with list of publications, names and contact information for 3 referees (academic and/or business). The application should be send to the address joinus@maths.com.pl. The opening is valid till the position is filled. Applications will be review in the first come/first served basis. We reserve the right to contact only some of the applicants.

* Must have a PhD degree, suitable experience and demonstrated potential. Exceptional doctoral students may apply for researcher position.

www.maths.com.pl

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Partners:

