



Centre for

**INDUSTRIAL APPLICATIONS OF MATHEMATICS
and SYSTEMS ENGINEERING**

"We solve problems"

Applications are invited from experienced researchers for the position of

Senior Researcher – Technology Translator

(ref. R_TT/12)

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.

"Technology translator is a new career option for engineers and scientists of all disciplines. The role of a technology translator is to translate industrial problems and requirements into basic scientific concepts and to source academic expertise (...). He or she then facilitates collaborative research between industry and academia, and, finally, converts the scientific results into commercially exploitable information." (from Science Careers in 'Science')

The successful candidates will have a PhD, preferably, in mathematical/economic sciences or engineering. Exceptional candidates from other fields, e.g. humanities, 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 track of record and achievements 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 sent to the address joinus@maths.com.pl. The opening is valid till the position is filled. Applications will be reviewed on a first come/first served basis. We reserve the right to contact only some of the applicants.

www.maths.com.pl

Home institutions:



Systems Research Institute
Polish Academy of Sciences



Mathematical Center for Science and Technology
Institute of Mathematics
Polish Academy of Sciences

Partners:



Ministry of Science
and Higher Education
Republic of Poland



British Embassy
Warsaw

MILSTAR

OCCAM
Cultural Centre for Collaborative Applied Mathematics

MATEMATYKA
STOSOWANA