

## Call for a Postdoctoral Position

CENTER FOR RESEARCH IN MATHEMATICAL ENGINEERING  
CENTRO DE INVESTIGACIÓN EN INGENIERÍA MATEMÁTICA (CI<sup>2</sup>MA)  
UNIVERSIDAD DE CONCEPCIÓN, CHILE

Applications are invited for a **two-year postdoctoral position** available at the Center for Research in Mathematical Engineering of Universidad de Concepción. Candidates should have obtained their doctoral degree in Applied Mathematics (or a related area) within the last three years. No teaching duty is associated with the position, but academic activities such as student direction and organization of workshops or focus seminars will be encouraged. This position is associated with project MECESUP UCO0713 by the Chilean Ministry of Education, aiming at strengthening the interdisciplinary character of our doctoral programme.

The salary will be 1.600.000 Chilean pesos (about US\$3300 at current rate of exchange) per month before taxes, for 12 months a year. The position will start preferably on **August 1, 2011**, however we have some flexibility with respect to this date. The contract will be made for one year, with the extension to the second year after evaluation .

Candidates should submit a CV, a research statement of 2 to 4 pages, an explicit statement by the applicant on collaboration with which researcher of the programme is sought, a legalized photocopy of the academic degree, photocopies of the most recent publications, and two letters of recommendation, before **June 30, 2011** to: Dr. Raimund Bürger, Director, Proyecto MECESUP UCO0713, Departamento de Ingeniería Matemática, Universidad de Concepción, Casilla 160-C, Concepción, Chile. E-mail: rburger@ing-mat.udec.cl.

For all positions, we are looking for candidates with expertise preferably in at least one of the following areas or their applications: **Numerical Analysis of PDEs, Optimization, PDEs, Stochastic Analysis, and Discrete Mathematics.**

The successful applicants will be required to have a strong performance in research and to participate in the development of novel methodologies for solving real-world applications. CI<sup>2</sup>MA is currently involved in projects in mining, fishing, and forestry industry, the environmental sector, and security modelling.

Concepción, May 20, 2011