

POST-DOCTORAL POSITIONS IN NUMERICAL ANALYSIS AT BEIJING COMPUTATIONAL SCIENCE RESEARCH CENTER

A successful applicant will work with Professor Martin Stynes in the Applied Mathematics Division at Beijing Computational Science Research Center (<http://csrc.ac.cn>), Beijing, China. Professor Stynes has been very active in the numerical analysis of singularly perturbed problems for many years and has recently developed an interest in fractional-derivative problems also. For a summary of his activities, visit his Irish home page <http://euclid.ucc.ie/pages/staff/stynes/mstynes.htm>

Research at the Beijing CSRC Applied Mathematics Section ranges from core numerical analysis to interdisciplinary topics of mathematical modelling and scientific computing (http://www.csrc.ac.cn/research/Applied_Mathematics/Research_Areas). The section hosts frequent colloquia presented by its many distinguished guests and short-term visitors, both national and international. Working at Beijing CSRC is an exceptional opportunity to establish connections with many Chinese researchers (and, perhaps, to learn to speak some Chinese!) as well as experts from all over the world.

The successful applicant:

- (i) Must be aged at most 35, i.e., born on or after 1.1.1980.
- (ii) Has at least 3 years' postdoc experience.
- (iii) Has a strong research record in numerical methods and numerical analysis (preferably finite element methods) for differential equations.
- (iv) Must be able to communicate comfortably in spoken and written English (a knowledge of Chinese is not required).
- (v) Some knowledge of singularly perturbed problems and/or fractional-order derivatives/ nonlocal models is desirable.

Positions will be filled as soon as suitable candidates are found. There is no fixed deadline for applications.

Job parameters:

- (i) The position is for a minimum of 1 year -- it can be extended for another one or two years if the applicant's performance at CSRC is satisfactory.
- (ii) Monthly salary for foreign (non-Chinese) postdocs is in the range 30,000-50,000RMB (Chinese Yuan), depending on the quality of the candidate. At current exchange rates, the minimum monthly salary is Euro 4,243 or US\$ 4,802. The cost of living in Beijing is low; this salary is much more than enough to live off. Any unspent salary can be converted to Euro or US\$ at local banks.
- (iii) There is good financial support for attending conferences in China and abroad.

Email Professor Stynes (m.stynes@csrc.ac.cn) informally to enquire about any aspect of the positions

To apply, a qualified applicant should email his/her c.v., together with evidence of competence in written and spoken English, and a list of 3 referees (including their contact information) to m.stynes@csrc.ac.cn



