

Full Scholarship for Ph.D. at the University of Edinburgh, U.K.

Ph.D. Thesis Topic: Parallel Solution of Block-angular Linear Programming Problems

Advisor: Dr. Julian Hall

Co-advisor: Dr. İlkay Boduroğlu

The School of Mathematics at the University of Edinburgh is offering a Ph.D. scholarship to study parallel computing techniques for solving large, sparse, block-angular linear programming (LP) problems. **The scholarship is industrially funded and will run for 3.5 years, starting in September 2008 (or at a later date if desired).** It is available to students of any nationality and will cover all tuition, fees and living expenses. The living expenses scholarship will be £10,500 per year for an overseas student.

You may also consult <http://www.maths.ed.ac.uk/hall/BALP.html> for information about the Ph.D. project.

University of Edinburgh is home to one of Europe's largest [Supercomputing Centers](#), EPCC
<http://www.epcc.ed.ac.uk>

Applicants:

Please send your CV and unofficial online transcript via email to Dr. İlkay Boduroglu at ilkay.net@gmail.com on or before the **deadline: July 8, 2008.**

Dr. Boduroglu will interview selected applicants in person soon after this deadline.

Dr. Hall will do the second round of interviews via Skype.

The scholarship will be announced about 2 weeks after the deadline.

Requirements: Note that an undergraduate GPA of 3.00 from a Computer Engineering or Computer Science department is required. An MS degree in a related field is also required. Having taken a course in parallel computing is not required, but is a definite plus.

Actual official transcripts will be required if you get the scholarship. TOEFL (or IELTS) requirement may possibly be waived if the student demonstrates good English speaking skills during the interviews. **Note that this is a competitive scholarship open to all students of all nationalities including those of China and India.**

Prospects for the student: A student who graduates with the Ph.D. degree described above will be able to get academic jobs in Computer Science or Engineering Departments, Industrial Engineering Departments and Mathematics Departments throughout the world. Nonuniversity jobs will also be available from the international corporation that supplies the scholarship or from other multinational or national corporations in the area of software development or financial engineering since the main application will be in Financial Engineering. No knowledge in Financial Engineering is needed to be accepted for this scholarship.

If you have any questions, or would like to get papers and/or presentations on the thesis topic please feel free to send an e-mail to ilkay.net@gmail.com and/or J.A.J.Hall@ed.ac.uk