Course on “High-Performance Computing in Economics and Social Sciences”
May 28-30, 2018
Wadham College

Professor Jesus Fernandez-Villaverde from the University of Pennsylvania will be teaching a hands-on course on “High-Performance Computing in Economics and Social Sciences.” The course will be held at Wadham College and will take place from Monday May 28 to Wednesday May 30, 2018.

The course is open to students and faculty members from the Department of Economics and the Department of Politics and International Relations and it aims to introduce participants to techniques for high-performance computing in economics and social sciences. This is an intensive course, which comprises lectures and hands-on, practical sessions. No established knowledge in computing is required since the course will cover the basics. However, familiarity with a scripting language such as Matlab, R, Stata, or Python would be an advantage. Participants are recommended to bring their own laptop equipped with Julia.

Topics covered in the course are:

Basic tools of programming
Programming languages: Julia, C++, R, Matlab, Python, Mathematica
Compilers, Coding tools, Data handling
Parallel programming

The deadline for applications is April 19, 2018. To reserve a place, please send your CV to Saunders, Erin: conferences@economics.ox.ac.uk and include the phrase “High-performance computing” in the title of your email. Acceptances will be announced as applications are received and no later than April 27, 2018. If you have any general queries concerning the course, please email: francesco.zanetti@economics.ox.ac.uk