

# PhD Studentship in Matrix Theory

*University College Dublin*

*School of Mathematical Sciences*

## *POSITIVITY IN MATRIX THEORY*

*The project addresses one of the most intriguing and challenging mathematical topics in the theory of positive operators: spectral properties of nonnegative matrices.*

**The applicant** should have a B.S. or masters degree in pure or applied mathematics with strong background in linear and abstract algebra, functional analysis and combinatorics.

**The fellowship** includes an annual stipend of EUR18,000 (tax free) and payment of annual tuition fees for EU students, as well as some funding for travel.

### *Applications should include:*

- a CV,
- (unofficial) transcript of undergraduate grades,
- a short statement of mathematical interests,
- the names and contact details of two academic references.

*Applications and enquiries: [Helena.Smigoc@ucd.ie](mailto:Helena.Smigoc@ucd.ie)*

*Further information: <http://mathsci.ucd.ie/~smigoc/>*