

Prizes 2012

The London Mathematical Society awards several Prizes each year for achievements in and contributions to mathematics. The Council for the London Mathematical Society announced the 2012 Prize winners at the Society Meeting held at University College London on 29 June 2012. The awards will be presented at the Society's Annual General Meeting on 16 November 2012. Congratulations go to all the recipients.

Pólya Prize – Professor Dan Segal, University of Oxford

Fröhlich Prize – Professor Trevor Wooley FRS, University of Bristol

Senior Berwick Prize – Professor Ian Agol, University of California, Berkeley

Whitehead Prize – Dr Toby Gee, Imperial College London

Whitehead Prize – Dr Eugen Vărvărucă, University of Reading

Whitehead Prize – Dr Sarah Waters, University of Oxford

Whitehead Prize – Dr Andreas Winter, University of Bristol

Professor Dan Segal is awarded the **Pólya Prize** for his major contributions to group theory.

Professor Trevor Wooley FRS is awarded the **Fröhlich Prize** for his work in analytic number theory, and in particular his spectacular advances in the study of Waring's problem on representing integers as a sum of k th powers.

Professor Ian Agol is awarded the **Senior Berwick Prize** in recognition of the paper *Criteria for virtual fibering* published in volume 2 of the *Journal of Topology*, 2008.

Dr Toby Gee is awarded a **Whitehead Prize** for his work in number theory, and in particular his many contributions to the theory of automorphic forms.

Dr Eugen Vărvărucă is awarded a **Whitehead Prize** for ground-breaking analysis of free boundary problems for linear and nonlinear elliptic equations, with important applications, in arbitrary dimensions.

Dr Sarah Waters is awarded a **Whitehead Prize** for her contributions to the fields of physiological fluid mechanics and the biomechanics of artificially engineered tissues.

Dr Andreas Winter is awarded a **Whitehead Prize** for his major contributions to key areas of quantum information theory.