were in attendance. This workshop was funded by the Registrar's Office in ITTD, the School of Mathematical Sciences in DIT and the Irish Mathematical Society.

A full list of abstracts and slides from each presentation can be found here:

`http://supportcentre.maths.nuim.ie/mathsnetwork/workshop8`

Report by Cormac Breen, Dublin Institute of Technology.
cormac.breen@dit.ie

GROUPS IN GALWAY 2014
23–24 MAY 2014, NUIG

Groups in Galway, an annual conference on group theory and related topics which has been running since 1978, was held at NUI Galway on 23–24 May. The conference had 35 participants and featured seven talks of speakers from Ireland, UK, continental Europe and USA. The following wide range of topics were covered: homology of linear groups, algebraic K-theory, hyperbolic manifolds, block algebras and fusion systems, algebras of essential relations, and Moonshine. The speakers and titles were:

- **Philippe Elbaz-Vincent** (Université de Grenoble):
  The group $K_8(\mathbb{Z})$ is trivial
- **Herbert Gangl** (Durham University):
  On the homology of linear groups over imaginary quadratic fields
- **Michael Tuite** (NUI Galway):
  A brief history of Moonshine.
- **Markus Linckelmann** (City University London):
  A characterisation of nilpotent blocks
- **Radha Kessar** (City University London):
  On transitive block fusion systems
- **Kevin Hutchinson** (UCD):
  Hilbert's third problem and scissors congruence groups
- **Grant Lakeland** (University of Illinois at Urbana-Champaign):
  Systoles and Dehn surgery for hyperbolic 3-manifolds
- **Jacques Thévenaz** (EPF Lausanne):
  From finite sets to group algebras

Besides talks, there was also a poster competition for students and young researchers, and prizes were awarded according to conference participants' vote. Further details of the program, as well as some photographs from the event, can be found at

`http://www.maths.nuigalway.ie/conferences/gig14/`

The organizers, Sejong Park and Alexander Rahm, are grateful to NUI Galway (Registrar's Office and The Millennium Research Fund) and the Irish Mathematical Society for financial support of the conference.

Report by Sejong Park (NUI Galway)

sejong.park@nuigalway.ie

Women in Mathematics Day Ireland (WIMDI) 1 May 2014, NUIG

The National University of Ireland, Galway, in conjunction with the NCE-MSTL (UL) and MACSI (UL), hosted the 5th Women in Mathematics Day, Ireland. This free event took place on the 1st May 2014 in the School of Education, NUI Galway. The day included presentations and discussions by women active in mathematics, mathematics education and industry, and at a variety of career stages. The aim of the event was to bring together those passionate about mathematics and to demonstrate the variety of opportunities available to those engaged in mathematics/mathematics education. It was an opportunity to hear some inspirational talks and to informally chat to others at different career stages. While this is an occasion particularly for women active in mathematics to get together, men are certainly not excluded from this event!

Keynote speakers on the day includeDr. Patricia Eaton (Stranmillis University College, Belfast) and Dr. Fiona Blighe (Science Foundation Ireland). Dr. Eaton challenged us with deep questions such as what makes a mathematician, a question she struggled with herself when linking her two areas of passion pure mathematics research and mathematics education research. Her resolution emphasized that all of us involved in mathematics have a responsibility of passing on what is vitally important to the next generation and a responsibility