

## REPRESENTATION THEORY ACROSS THE CHANNEL

EPSRC Network Grant EP/F029381/1; Start Date 1 January 2008

<http://www.maths.abdn.ac.uk/~geck/REPNET/ukrepnet.html>

Part of the GDRE entitled "French–British Network in Representation Theory"

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### What has been supported so far?

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#### 2008

- Travel support for a 1-month visit of M. Wiedemann (Leeds) to ENS, Paris (collaboration with O. Schiffmann); May 2008.
- Travel support for participation of S. Kolb (Edinburgh) in workshop "Dynamical quantum groups and fusion categories" at the CIRM (Luminy, France); April 2008 (organised by C. Kassel and B. Enriquez).
- Subsistence support for the visit of K. Iohara (Lyon) to Aberdeen on the occasion of 1-day meeting on representation theory; June 2008.
- Support requested by T. Lenagan (Edinburgh) for two linked meetings in Reims and Kent (additional support from the British Council and its French equivalent); September/November 2008.
- Subsistence support for French participants to LMS-EPSRC short instructional course on "Algebraic groups and related topics", Birmingham; September 2008 (organised by S. Goodwin).
- Support for first joint ARTIN/network meeting in Aberdeen; September 2008.
- Support for UK participants in workshop "Algèbres de Hecke, groupes et géométrie" at CIRM; October 2008 (organised by C. Blondel, F. Digne, M. Geck, C. Gruson).
- Support for visit of M. Nazarov (York) to IHES, Bures-sur-Yvette (France); October 2008.
- Support for participation in short meeting in Birmingham on "Representation theory of finite groups of Lie type and their subgroups"; December 2008 (organised by S. Goodwin, K. Magaard, C. Parker).

#### 2009

- Subsistence support for French participants to instructional workshop of the "Algebraic Lie Theory" programme at Isaac Newton Institute, Cambridge; January 2009 (organised by M. Geck, A. Kleshchev, G. Röhrle).

- Travel support for a 1-month visit of G.E. Bellamy (Edinburgh) to Nantes (collaboration with C. Sorger and B. Fu); March 2009.
- Subsistence support for visit of V. Ripoll (Paris) to Oxford (collaboration with R. Rouquier); January/February 2009.
- Support for instructional workshop "Categorification and Geometrisation from Representation Theory" in Glasgow (Satellite to "Algebraic Lie Theory" programme at the Newton Institute); April 2009 (organised by K. Brown, I. Gordon, N. Reshetikhin, R. Rouquier, C. Stroppel).
- Support for UK and French participants in conference "Algebraic Topology, Group Theory and Representation Theory" on the Isle of Skye; June 2009 (organised by D. Benson, C. Broto, I. Capdebosq, R. Kessar, K. Lesh, R. Levi, A Libman).
- Support for 46th BLOC meeting in Leicester, July 2009.
- Support for "Fusion Days" in Amiens; September 2009 (organised by S. Bouc and A. Zimmermann).
- Support for UK participants in workshop "Quiver varieties, Donaldson-Thomas invariants and instantons" at CIRM; September 2009 (organised by M. Varagnolo and E. Vasserot).
- Support for UK participants in workshop "Local theory, finite groups and representations" at CIRM; October 2009 (organised by M. Cabanes and R. Rouquier).
- Support for UK participants in workshop "Group representations: applications to geometry and arithmetic" at CIRM; November 2009 (organised by N. Bergeron, V. Guirardel and V. Sécherre).
- Support for a visit of Matthew Clarke (PhD student of Jan Saxl in Cambridge) to Aberdeen; December 2009.

## 2010

- Instructional workshop on "Sheaves in Representation Theory" on the Isle of Skye; May 2010 (organised by the network, M. Geck and I. Gordon).
- ARTIN meeting at York, May 2010: Support for invitation of O. Schiffman from Paris.
- GTIA (Groupe de Travail Inter-universitaire en Algèbre); first meeting outside France to be held in Kent; June 2010 (organised by S. Launois).
- Workshop "Autour des transformations de Fourier" at the CIRM, September 2010 (organised by E. Letellier, D. Juteau, P-E. Paradan).

- "Lie Theory Day", organised by R. Rouquier (Oxford).
- Support for visit of T. Lenagan (Edinburgh) to Paris (collaboration with L. Riga); December 2010.
- Support for UK participation in "Nikolaus Conference 2010", December 2010, Aachen (Germany).

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### What will be supported.

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#### 2011

- Groupes de Chevalley, groupes de réflexions, groupes de tresses. Conférence en l'honneur de F. Digne et J. Michel, École de Physique des Houches, 24–18 January 2011.
- LMS Midlands regional meeting on representation theory in modern mathematics, Birmingham, 14-18 June 2011.
- New Developments in Noncommutative Algebra and its Applications, celebrating Kenny Brown's and Toby Stafford's 60th birthdays, June 2011, Isle of Skye.
- Algèbres (de Hecke, de Cherednik et amassées) et Théorie des Représentations, Institut d'Etudes Scientifiques de Cargèse, 12-24 Septembre 2011

December 2011, Meinolf Geck