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Algebraic Topology, Group Theory and Representation Theory

Isle of Skye, June 2009

A conference entitled 'Algebraic Topology, Group Theory and Representation Theory' was held at the Gaelic College Sabhal Mòr Ostaig, located on the spectacular Isle of Skye, between 8 June 2009 and 15 June 2009. The conference was intended to stimulate activity in, and enhance interaction among, these subjects. It was also an opportunity to celebrate the 60th birthdays of two distinguished mathematicians, Bob Oliver and Ron Solomon, each of whom contributed very substantially to this interaction within his own field. The conference, which was attended by well over 100 mathematicians from all over the globe, was organized by D. Benson, C. Broto, I. Capdeboscq, R. Kessar, K. Lesh, R. Levi and A. Libman.

This special issue of *Proceedings of the Edinburgh Mathematical Society* contains the proceedings of this conference: a total of 16 papers. The range of subjects covered illustrates the interdisciplinary and collaborative nature of this conference, with papers in subjects ranging from group theory, through representation theory, to group cohomology, the theory of fusion systems and p-local finite groups. We hope that this collection will serve to stimulate further study.

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I. Capdeboscq
R. Kessar
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