

Atlantic Association for Research in Mathematical Sciences
Memorial University of Newfoundland
Atlantic Algebra Centre

International Workshop

“Groups, Rings, Lie and Hopf Algebras. II”

August 13 - 17, 2007

The main event in the schedule of activities of Atlantic Algebra Centre (AAC) in 2006/2007 was the second workshop in the series “Groups, Rings, Lie and Hopf Algebras” which took place at the Bonne Bay Marine Station (BBMS) of Memorial University in Gros Morne National Park on August 13 - 17, 2007.

The 1-hour lectures, in total 11, were given by the following people

- Eric Jespers (University of Brussels) “Primes of height one and a class of noetherian finitely presented algebras”
- Mikhail Kochetov (Memorial University) “Group gradings on simple Lie algebras of type A ”
- Mikhail Lau (University of Windsor) “Thin coverings of modules”
- Erhard Neher (University of Ottawa) “Lie tori”
- Dmitri Nikshych (University of New Hampshire) (2 lectures) “Modular categories, their group-theoretical properties, and categorification of Manin pairs”
- David Radford (University of Illinois, Chicago) “Pointed Hopf algebras from enveloping algebras to quantum groups and beyond”
- Sudarshan Sehgal (University of Alberta) “Hartleys conjecture and problems arising therefrom”
- Vera Serganova (University of California - Berkeley) “On weight representations of $\mathfrak{sl}(n)$ ”
- Mikhail Zaicev (Moscow State University) “Numerical invariants of algebras with polynomial identities”
- Alexandre Zalesski (University of East Anglia) “On eigenvalues of group elements in representations of simple algebraic groups”

We had 33 participants from Belgium, Canada, Russia, UK and USA. In addition to the above lectures we had 13 shorter presentations and many useful discussions. We began collecting the contributions in order to publish them with Kluwer AP (Acta Appl. Math.).

Breakdown of expenses

The Organizing Committee covered some travel and living expenses of the invited speakers (9 people), students and postdoctoral fellows (5 people), as shown below. We saved on transportation costs by renting a minivan in St. John's at University rate and on accommodation at BBMS by using direct payments, BBMS being a part of MUN. To better prepare for the workshop, the AAC Coordinator traveled to Norris Point on July 31, 2007.

Preparation	\$561.58
Travel/hotels/meals <i>less lunch breaks</i>	
<i>Invited speakers</i>	\$9,620.50
<i>Students</i>	\$1,276.00
Subtotal	\$10,896.50
Lunch/coffee breaks	
<i>Lunch Breaks</i>	\$2,188.51
<i>Coffee Breaks</i>	\$366.05
Subtotal	\$2,554.56
Supplies	
<i>Conference van rental</i>	\$818.30
<i>Facility rental</i>	\$400.00
<i>Bus rental</i>	\$256.50
<i>Other charges</i>	\$38.50
Subtotal	\$1,513.30
Registration fees	\$(2,265.00)
Total	\$13,260.94

Acknowledgment

The idea of holding a workshop at Bonne Bay Marine Station of MUN (Director Dr Robert Hooper) was due to the Dean of Science Dr Robert Lucas. The preparation of the workshop and its work were greatly facilitated by the Station Manager Ms Fiona Cuthbert. A lot of work was done by the staff of the Department of Mathematics and Statistics (Departmental Head Dr Chris Radford), with the most invaluable contribution by Ms Ros English. From AAC, the organizational work was done by the AAC Coordinator, Drs Mikhail Kochetov and Mike Parmenter, with the help of our Postdoctoral Fellow Dr Marina Tvalavadze, Ph D student Jason McGraw and SWASP student Brad Dart.

We also acknowledge an additional support for the workshop by AARMS in the amount of \$5,000.

More information about the workshop can be found on our web site:
http://www.math.mun.ca/~aac/index_files/Page359.htm