The aim of this workshop is to discuss the current state of research in several interrelated areas of Modern Algebra. The first two workshops with the same title were held on the main campus of Memorial University of Newfoundland (MUN) in St. John’s in 2001 and at Bonne Bay Marine Station of MUN in Gros Morne National Park in 2007 (visit the web site of Atlantic Algebra Centre at http://www.mun.ca/aac for full details).

The current workshop is organized by Atlantic Algebra Centre (AAC) affiliated to MUN and by Atlantic Association for Research in the Mathematical Sciences (AARMS). It will immediately follow the AARMS Summer School 2012, which will be held in St. John’s on July 16 – August 10 and will include the courses “Lie Theory” by Alberto Elduque and “Hopf Algebras and Applications” by Nicolas Andruskiewitsch and Leandro Vendramin (visit the web site of AARMS at http://www.aarms.math.ca/summer/2012 for details).

The list of speakers of the International Workshop includes Alberto Elduque (University of Zaragoza, Spain), Leandro Vendramin (University of Buenos Aires, Argentina), Dmitri Nikshych (University of New Hampshire, USA), Georgia Benkart (University of Wisconsin – Madison, USA), Eric Jespers (Vrije Universiteit Brussel, Belgium), Amitai Regev (Weizmann Institute, Israel), and Said Sidki (University of Brasilia, Brazil).

The Marine Station of MUN is located in Norris Point, NL, surrounded by Gros Morne National Park, full of natural beauty. The nearest airport Deer Lake (73 km) is connected by direct flights with Toronto, Montreal, Halifax and St. John’s.

If you would like to attend the workshop, please send your name, affiliation, the title of your talk and a short abstract to Atlantic Algebra Centre at aac@mun.ca. Limited support will be available for students and postdoctoral fellows (please mention in your email if you need support). Further details and announcements will be posted on the web site of AAC at http://www.mun.ca/aac.