

1. Atlantic GR 2012 was held at UNB in Fredericton from April 27-28 2012 (see <http://www.math.unb.ca/gravity/agr12/>). As usual, the conference was attended by a good percentage of those researchers in the Atlantic Canada region working in the area of classical and quantum gravity. All who wished to speak were given an opportunity to do so. Besides the faculty members in attendance, there were a number of students and post-docs.
2. There were 23 participants in total, 19 of which were regional, the two from elsewhere in Canada and two from Europe.
3. No proceedings were published, but we have a collection of abstracts of talks given.
4. Many of the talks concerned problems in quantum gravity, arguably the frontier of theoretical/mathematical physics. In particular V. Husain discussed his exciting new approach of the dust time gauge, which leads to tractable models of quantum gravity. As well, D. Sloan described his work using Loop Quantum Cosmology to describe how inflation ‘turns off’. Finally, A. Kreienbuehl set out his results showing that quantum gravity can resolve the singularities in cosmology.
5. We had no income. The expenditures are attached. Note that the coffee breaks/lunches were paid for from funds provided by the UNB Math and Stats Department Seminar and Colloquium Committee. AARMS agreed to fund up to \$2500 of the conference expenses. We are requesting that AARMS cover the non-food expenses, namely \$2288.24.

**Atlantic General Relativity Conference 2012**  
**Expenses paid by UNB**

30-Apr-12 Air fare	647.77 Achim Kempf (guest speaker)
30-Apr-12 Air fare	513.81 David J. Sloan
30-Apr-12 Air fare	<u>513.81</u> Andreas Kreienbuhl
<b>Total Transportation</b>	<b>1,675.39</b>
30-Apr-12 Accommodations	396.00 Achim Kempf (guest speaker)
<b>Total Accommdations</b>	<b>396.00</b>
30-Apr-12 Meals (per diem)	216.85 David J. Sloan
<b>Total Meals</b>	<b>216.85</b>
30-Apr-12 Sodexo	104.25 continental breakfast
<b>Total Food Services</b>	<b>104.25</b>
<b>Total expenses</b>	<b>2,392.49</b>