

Euler Symposium
Dalhousie University
October 26-27, 2007

Leonhard Euler (1707--1783) was without doubt the most prolific and most influential mathematician of all time, with his work covering most areas of pure and applied mathematics and a great deal of physics.

In celebration of the 300th anniversary of Euler's birth the Department of Mathematics and Statistics at Dalhousie University organized an Euler Symposium, sponsored by AARMS. It was the aim of this symposium to use local expertise to cover a wide range of different areas of Euler's work through one-hour expository talks. In addition, a prominent historian of mathematics and Euler specialist, Craig Fraser of the University of Toronto, was invited to speak at this event. The speakers (in alphabetical order) and titles of their talks were as follows:

- Karl Dilcher: Some Number Theoretical Results due to Euler
- Craig Fraser: Leonhard Euler and Divergent Series
- Jeannette Janssen: Euler's Way of Counting
- Keith Johnson: Euler and Elliptic Integrals
- Jürgen Kreuzer: Euler's Legacy to Physics
- Renzo Piccinini: The Euler Characteristic and the Classification of Closed Surfaces
- Roman Smirnov: Mathematical Representation of Motion
- S. Swaminathan: Euler and the Zeta Functions
- Keith Taylor: Logarithms and the Unit Circle

During the 1 1/2 days of the symposium an average of 30 people, in addition to the group of speakers, attended the event. All four Atlantic Provinces, and almost all Atlantic universities, were represented by the audience. There was no formal registration, and no registration fees.

The symposium was organized by Karl Dilcher, Roman Smirnov, and S. Swaminathan. Further information can be found at <http://www.mathstat.dal.ca/~smirnov/euler300.html>

The following costs were incurred:

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| - Travel expenses for Craig Fraser | \$539.26 |
| - Hotel (including meals) for Craig Fraser | \$657.16 |
| - Friday Lunch | \$ 29.43 |
| - Dinner Friday night | \$128.74 |
| - Coffee break snacks | \$ 61.86 |

Total: \$1,416.45