cordially invite you to the

5th Winter Workshop on History of Mathematics

Mathematics, mathematicians and war:

How does war affect mathematical work and vice versa?

When: 8 – 11 January 2015

Where: Tři Studně, Hotel U Loubů, http://www.halva.org/hotel/

For: mathematics teachers and students, historians and philosophers of science, and others interested, but not explicitly listed above

WWW: http://historiematematiky.webnode.cz/

This year's workshop is held between the occasions of the 100th anniversary of the beginning of the WWI and the 70th anniversary of the end of WWII. We would like to discuss crucial impact that all 20th century global conflicts – WWI, WWII and Cold War– have had on the development of science in general and of mathematics in particular. We will ask in what ways and why the impact of these conflicts on the development of research in mathematics differ from each other and also from previous war conflicts.

   Key phenomena to be described are those of continuity and discontinuity. Wars inevitably bring about many personal tragedies and that is why discontinuity forms sadly inseparable part of many personally focused research topics.

We would like to focus on the following features: How did the wars change the research practices in mathematics and if and how was it possible to keep the research going during wartime? How does war stimulate research? It was during and after WWII that war-related research in mathematics became very prominent and also brought ethical issues.

The meeting traditionally strives to support interdisciplinary debate and explore various approaches to history of mathematics. We would like to offer a view of mathematics as an indispensable part of our culture.

General outline of the programme:

- **Thursday:** arrival (Common departure from Brno and Prague will be organised) and informal introductory meeting in the evening
- **Friday and Saturday:** regular conference days, with prolonged lunch break to allow for hiking or cross-country skiing, including light evening session
- **Sunday:** departure after breakfast

Invited speakers

Tinne Hoff Kjeldsen, Roskilde University
Henrik Kragh Sørensen, Aarhus University

If you intend to participate, send a note to hdurnova@ped.muni.cz by **15 November 2014,** preferably including the **title** and **abstract** of your talk. Abstracts received by 3 January 2015 will be included in the pre-conference booklet. After the conference, we intend to publish a thematic issue of a journal.

Looking forward to seeing you

Helena Durnová, Ph.D., MU Brno
Jan Kotůlek, Ph.D., VSB-TU Ostrava
Doubravka Olšáková, Ph.D., AS CR Prague