Proceedings of the 3rd Baltic–Nordic Workshop

Algebra, Geometry, and Mathematical Physics

Göteborg, Sweden, October 11–13, 2007

Dedicated to memory of Professor Isaiah Kantor (1936–2006)

Organized by:

Chalmers University of Technology and Göteborg University
Tallinn University of Technology
University of Tartu
Lund University

Edited by:

V. Abramov, E. Paal, S. Silvestrov, A. Stolin

The intention of the AGMF worskhops is to further understanding of the fundamental role of non-commutative and non-associative structures in Mathematics, Theoretical and Mathematical Physics. The Göteborg meeting was dedicated to memory of Professor Isaiah Kantor (1936-2006). The main topics of the Workshop were:

- Non-commutative geometry,
- Generalizations of Lie algebras,
- Lie theory, its generalizations, variations, applications,
- Non-associative systems,
- Operad and group theoretical methods,
- Quantum groups, Hopf algebras,
- Algebraic deformation theory,
- Vertex algebras and applications,
- Integrable systems.

At the Workshop 42 talks were presented and 26 are published in the present Proceedings.

Editors of the proceedings