Michael K. Kinyon; Jonathan D. H. Smith; Petr Vojtěchovský
Introduction [2nd Mile High Conference on Nonassociative Mathematics]

Introduction

This issue consists of refereed proceedings of the *2nd Mile High Conference on Nonassociative Mathematics*, which took place at the Department of Mathematics, University of Denver, Denver, Colorado, U.S.A., June 21–27, 2009. The conference was attended by 58 researchers from 17 countries, representing many of the varied fields of nonassociative mathematics.

The wide scope of the conference is well documented by the delivered main talks: Murray Bremner, *Enveloping algebras of Malcev algebras*; Diane Donovan, *Latin squares, latin trades and related problems*; Richard M. Green, *Chevalley bases for Lie algebras and the combinatorics of Kac's asymmetry function*; Ling Long, *Finite index subgroups of the modular group and right loops*; Shahn Majid, *Quasiassociative geometry and 7-spheres*; Gábor P. Nagy, *Groups which are not (right) multiplication groups of loops*; J.D. Phillips, *Loops with abelian inner mapping groups*; and Ivan Shestakov, *Structure and representations of Jordan and alternative superalgebras*. The contributed talks, some of which are published here, further document the extent of nonassociativity in contemporary mathematics and physics.

The Program and Organizing Committee of the conference consisted of Piroska Csörgő, Kenneth W. Johnson, Michael K. Kinyon (co-chair), G. Eric Moorhouse, Jonathan D.H. Smith, and Petr Vojtěchovský (co-chair). The Local Organizing Committee consisted of graduate students Daniel Daly, Jenya Kirshtein and Kyle Pula.

Further information about the conference—in particular the complete list of participants and the list of open problems presented at the conference—can be found at `http://www.math.du.edu/milehigh`.

Our sincere thanks go to the editorial board of Commentationes Mathematicae Universitatis Carolinae for making it possible to publish these proceedings in their journal, and by cooperating with us, the guest editors, during the editorial process. We especially thank Ivan Netuka (Editor-In-Chief), Jan Rataj (Executive Editor) and Anna Najmanová (Technical Editor). We are grateful to Aleš Drápal for sharing his experiences on organization of the *Loops* conferences and on publishing of conference proceedings, a model that we have successfully imitated. Finally, we thank all anonymous referees for their expert opinions on papers considered for this issue.

In Denver on March 10, 2010

Michael K. Kinyon
Jonathan D. H. Smith
Petr Vojtěchovský
(guest editors)