

CONTEMPORARY MATHEMATICS

508

Advances in p -adic and Non-Archimedean Analysis

Tenth International Conference
June 30–July 3, 2008
Michigan State University
East Lansing, Michigan

Martin Berz
Khodr Shamseddine
Editors



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Preface

The Tenth International Conference on p -adic and non-Archimedean Analysis took place at Michigan State University in East Lansing from June 30 to July 3, 2008. It follows other recent meetings of the series in Concepcion/Chile, Clermont-Ferrand/France, Nijmegen/Netherlands, and Ioannina/Greece. Further information on this meeting and the series can be found at www.bt.pa.msu.edu/NA08/. This volume contains a selection of papers presented at the meeting, and provides a cross section of some of the recent advances in the field.

In July 2008, the participants of our conference were saddened to learn about the death of Nicole De Grande-De Kimpe, who has been a leading personality in p -adic analysis for over 30 years. She also contributed in the organization of the very first International Conference on p -adic Functional Analysis in Laredo, with colleagues from Santander, in the year 1990.

We gratefully acknowledge the help and support from the international organizing committee with the selection of speakers for the meeting, the refereeing of the papers, and lots of valuable comments and good advice. Current members of the committee are Jesus Araujo, Martin Berz, Alain Escassut, José Aguayo Garrido, Athanasios Katsaras, Herminia Ochsenius, Wim Schikhof, and Khodr Shamseddine. Financial and logistic support was appreciated from Michigan State University, in particular the Department of Physics and Astronomy and the Department of Mathematics, as well as the US Department of Energy. We are also very thankful for the help of the local organizers José Aguayo Garrido, Kyoko Makino, Alexander Wittig, and Brenda Wenzlick, who helped assure smooth operation of all parts of the meeting. We are now looking forward to the next meeting in the series, which will be organized by Alain Escassut and take place at Université Blaise Pascal in Clermont-Ferrand in July of 2010.

Martin Berz
Khodr Shamseddine





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This volume contains the proceedings of the Tenth International Conference on p -adic and Non-Archimedean Analysis, held at Michigan State University in East Lansing, Michigan, on June 30–July 3, 2008.

This volume contains a kaleidoscope of papers based on several of the more important talks presented at the meeting. It provides a cutting-edge connection to some of the most important recent developments in the field. Through a combination of survey papers, research articles, and extensive references to earlier work, this volume allows the reader to quickly gain an overview of current activity in the field and become acquainted with many of the recent sub-branches of its development.

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