

# Differential Algebra and Related Topics Workshop II and AMS Special Session

April 12–15, 2007

## First Joint Announcement

The Kolchin Seminar in Differential Algebra of The City University of New York and the Department of Mathematics at Rutgers University at Newark are pleased to announce the second joint International Workshop and AMS Special Session on Differential Algebra and Related Topics. The joint conferences will bring together experts from different areas related to differential algebra. The purpose is to disseminate the methods and results of differential algebra to other areas, to encourage potential collaborations, and to attract graduate students and new researchers. During the workshop, invited speakers will give expository or survey talks on their fields. The Special Session at the AMS Eastern Section Meeting for Spring 2007 will bring the participants further up to date on the most current research through invited research reports.

**Topics:** Including but not limited to: Differential and difference algebra, differential Galois theory, differential algebraic geometry, differential algebraic groups, model theory, computational differential algebra, Rota-Baxter type algebras, and applications to combinatorics, arithmetic geometry, control theory, dynamical systems, and integrability theories.

	Workshop	AMS Special Session
Date:	April 12–13, 2007	April 14–15, 2007
Location:	Rutgers University at Newark	Stevens Institute of Technology
URL:	<a href="http://newark.rutgers.edu/~liguo/DARTII/diffalg.html">newark.rutgers.edu/~liguo/DARTII/diffalg.html</a>	<a href="http://www.sci.ccny.cuny.edu/~ksda/ams.html">www.sci.ccny.cuny.edu/~ksda/ams.html</a>
Contact:	Li Guo ( <a href="mailto:liguo@newark.rutgers.edu">liguo@newark.rutgers.edu</a> )	Jerry Kovacic ( <a href="mailto:jkovacic@verizon.net">jkovacic@verizon.net</a> )

### Confirmed Speakers (alphabetical order):

Workshop	AMS Special Session	
Marcelo Aguiar	Primitivo Acosta-Humaney	B. Heinrich Matzat
Peter Clarkson	Alexandru Buium (Santiago Simanca)	Claude Mitschi
Robert Grossman	Lucia Di Vizio	Alexey Ovchinnikov
Andy Magid	Anne Duval (Élie Compoint)	Eugueny Pankratiev
David Marker	Oleg Golubitsky	Sylvie Paycha
B. Heinrich Matzat	Charlotte Hardouin	Wai Yan Pong
Greg Reid	Julia Hartmann	Brahim Sadik
Brahim Sadik	Lourdes Juan	Michael Singer
Michael Singer	Arne Ledet	Franz Winkler
Marius van der Put	Aleksandr B. Levin	Yang Zhang
Mark van Hoeij	Andy Magid	

### Organizers:

Phyllis Cassidy (CCNY and Smith College, emerita)  
 Richard Churchill (Hunter College and Graduate Center of CUNY)  
 Li Guo (Chair for Workshop, Rutgers University at Newark)  
 William Keigher (Rutgers University at Newark)  
 Jerry Kovacic (Chair for AMS Special Session, City College of CUNY)  
 William Sit (City College of CUNY, emeritus)

**Funding:** Limited funding for the Workshop for participants with US citizenship or permanent residence status is expected from the National Security Agency. Applications for support should be sent to Li Guo. All AMS participants must bear their own expenses, including AMS registration fee.