

Differential Algebra and Related Topics Workshop II and AMS Special Session

April 12–15, 2007

Second 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 jointly announce the second International Workshop and AMS Special Session on Differential Algebra and Related Topics. The two conferences will bring together experts from different areas related to differential algebra. Its purpose is to disseminate the methods and results in all areas related to differential algebra, 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:	newark.rutgers.edu/~liguo/DARTII/diffalg.html	www.sci.cuny.cuny.edu/~ksda/ams.html
Contact:	Li Guo (liguo@newark.rutgers.edu)	Jerry Kovacic (jkovacic@verizon.net)

Confirmed Speakers (alphabetical order):

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

Participation:

Attendance at the Workshop and AMS Special Session is open to the research public. At this time, all speaker slots have been allocated. Participants intending to give a talk may still do so at the Contributed Paper Session of the AMS meeting by submitting a title and abstract to Jerry Kovacic by Feb 20, 2007. Others may submit a title and abstract to William Sit <wsit@ccny.cuny.edu> for inclusion at a poster session at the Workshop.

Funding: Limited funding for the Workshop for participants with US citizenship or permanent residence status is expected from the National Security Agency. The organizers encourage graduate students and young postdocs to attend, and priority will be given to those from among traditionally under-represented groups including women and minorities. We are exploring additional fundings to support non-US participants. Requests for support should be sent to Li Guo, with estimates. All AMS participants must bear their own expenses, including AMS registration fee.

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)