Schedule
Workshop on
Computational Differential Algebra and Related Topics

Saturday, June 21, 2014, IPM, Tehran, Iran

Time		Lecturers and Titles of Talks
8:00	8:45	*Registration*
8:45	9:00	*Welcome (Opening)*
9:00	10:00	**Rahim Zaare-Nahandi,** University of Tehran, Iran On Cellular Resolution of Monomial Ideals
10:00	10:30	*Coffee Break*
10:30	11:30	**Amir Hashemi,** Isfahan University of Technology, Iran An Introduction to Gröbner Bases
11:30	12:30	**François Ollivier,** École Polytechnique, France The Rosenfeld–Gröbner Algorithm (I)
12:30	14:00	*Lunch*
14:00	15:00	**Marc Moreno-Maza,** University of Western Ontario, Canada Triangular Decompositions of Polynomial Systems: Reverse Engineering from Wu to Ritt through (I)
15:00	15:30	*Coffee Break*
15:30	16:30	**Hassan Haghighi,** K. N. Toosi University of Technology, Iran Some Geometric Applications of Macaulay's Inverse System
17:00	18:30	*Reception*

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Sunday, June 22, 2014, IPM, Tehran, Iran		
Time		**Lecturers and Titles of Talks**
9:00	10:00	**François Ollivier,** École Polytechnique, France The Rosenfeld–Gröbner Algorithm (II)
10:00	10:30	*Coffee Break*
10:30	11:30	**Deepak Kapur,** University of New Mexico, USA Elimination Techniques for Parametric Polynomial Systems (I)
11:30	12:30	**Marc Moreno-Maza,** University of Western Ontario, Canada Triangular Decompositions of Polynomial Systems: Reverse Engineering from Wu to Ritt through (II)
12:30	14:00	*Group Photo and Lunch*
14:00	15:00	**Rashid Zaare-Nahandi,** IASBS, Iran Steps on Classification of Monomial Ideals with Linear Resolution
15:00	15:30	*Coffee Break*
15:30	16:30	**Parisa Alvandi,** University of Western Ontario, Canada Doing Algebraic Geometry with the RegularChains Library
17:00	20:00	*Excursion: Visiting Niavaran Palace*

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Monday, June 23, 2014, IPM, Tehran, Iran		
Time		**Lecturers and Titles of Talks**
9:00	10:00	**François Ollivier,** École Polytechnique, France The Rosenfeld–Gröbner Algorithm (III)
10:00	10:30	*Coffee Break*
10:30	11:30	**Deepak Kapur,** University of New Mexico, USA Elimination Techniques for Parametric Polynomial Systems (II)
11:30	12:30	**Marc Moreno-Maza,** University of Western Ontario, Canada Triangular Decompositions of Polynomial Systems: Reverse Engineering from Wu to Ritt through (III)
12:30	14:00	*Lunch*
14:00	15:00	**Masoud Sabzevari,** University of Shahrekord, Iran Computing Symmetry Lie Algebras of CR-Manifolds
15:00	15:30	*Coffee Break*
15:30	16:00	**Daryoush Talati,** Ankara University, Turkey On the Trivially Related Lax Pairs of the Sawada-Kotera Equation
16:00	16:30	**Mahsa Kazemi,** Isfahan University of Technology, Iran Computational Algebraic Geometry and Singularity Theory
17:00	20:00	*Excursion: Visiting Jamshidieh Park*

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Tuesday, June 24, 2014, IPM, Tehran, Iran

Time		Lecturers and Titles of Talks
9:00	10:00	**François Ollivier,** École Polytechnique, France The Rosenfeld–Gröbner Algorithm (IV)
10:00	10:30	*Coffee Break*
10:30	11:30	**Deepak Kapur,** University of New Mexico, USA Elimination Techniques for Parametric Polynomial Systems (III)
11:30	12:30	**Marc Moreno-Maza,** University of Western Ontario, Canada Triangular Decompositions of Polynomial Systems: Reverse Engineering from Wu to Ritt through (IV)
12:30	14:00	*Lunch*
14:00	15:00	**Saeid Azam,** University of Isfahan, Iran An Introduction to Finite Dimensional Lie Theory
15:00	15:30	*Coffee Break*
15:30	16:00	**Benyamin M.-Alizadeh,** University of Damghan, Iran Interval Gröbner Systems
16:00	16:30	**Marziyeh Boroujeni,** University of Damghan, Iran On Homogenization SAGBI-Gröbner Bases in Invariant Rings
17:00	20:00	*Discussion Panel*
20:00	21:00	*Workshop Dinner*

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Wednesday, June 25, 2014, IPM, Tehran, Iran	
Time	**Lecturers and Titles of Talks**
9:00 10:00	**François Ollivier,** École Polytechnique, France The Rosenfeld–Gröbner Algorithm (V)
10:00 10:30	*Coffee Break*
10:30 11:30	**Deepak Kapur,** University of New Mexico, USA Elimination Techniques for Parametric Polynomial Systems (IV)
11:30 12:30	**Marc Moreno-Maza,** University of Western Ontario, Canada Triangular Decompositions of Polynomial Systems: Reverse Engineering from Wu to Ritt through (V)
12:30 14:00	*Lunch*