

Institute for Mathematics and its Applications

Thematic Year on

Applications of Algebraic Geometry

September 2006 - June 2007

Events

- 9/15-16/06 **Tutorial:** Algebraic geometric methods in engineering
- 9/18-22/06 **Workshop:** Algorithms in algebraic geometry
- 10/23-27/06 **Workshop:** Software for algebraic geometry
- 1/12-13/07 **Tutorial:** Algebraic algorithms in optimization
- 1/15-19/07 **Workshop:** Optimization and control
- 3/5-9/07 **Workshop:** Applications in biology, dynamics, and statistics
- 4/13-14/07 **Tutorial:** What is algebraic geometry?
- 4/16-20/07 **Workshop:** Complexity, coding, and communications
- 5/28-6/1/07 **Workshop:** Non-linear computational geometry

Organizing Committee:

- | | |
|--------------------|---------------------------------------|
| Dimitris Bertsimas | Massachusetts Institute of Technology |
| Pablo A. Parrilo | Massachusetts Institute of Technology |
| Michael Stillman | Cornell University |
| Bernd Sturmfels | University of California, Berkeley |
| Madhu Sudan | Massachusetts Institute of Technology |
| Rekha Thomas | University of Washington |

Institute for Mathematics and its Applications

University of Minnesota
400 Lind Hall, 207 Church St. S.E.
Minneapolis, MN 55455-0436

Telephone: (612) 624-6066
Fax: (612) 626-7370
E-mail: staff@ima.umn.edu
URL: www.ima.umn.edu

Applications are invited for **Postdoctoral Fellowships** (two year appointments), **General Memberships** (one to nine months), **New Directions Visiting Professorships** (nine months), and for invitations to individual workshops. See www.ima.umn.edu/docs/membership.html for information and application forms.

2006-07 Events Calendar

Tutorial ■ Workshop ■

Month	S	M	T	W	Th	F	S
SEPTEMBER 06						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
OCTOBER 06	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
	15	16	17	18	19	20	21
	22	23	24	25	26	27	28
	29	30	31				
NOVEMBER 06							
	5	6	7	8	9	10	11
	12	13	14	15	16	17	18
	19	20	21	22	23	24	25
	26	27	28	29	30		
DECEMBER 06							
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30
JANUARY 07							
	1	2	3	4	5	6	
	7	8	9	10	11	12	13
	14	15	16	17	18	19	20
	21	22	23	24	25	26	27
	28	29	30	31			
FEBRUARY 07							
					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28			
MARCH 07							
					1	2	3
	4	5	6	7	8	9	10
	11	12	13	14	15	16	17
	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
APRIL 07							
	1	2	3	4	5	6	7
	8	9	10	11	12	13	14
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	22	23	24	25	26	27	28
	29	30					
MAY 07							
					1	2	3
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	18	19	20	21	22	23	24
	25	26	27	28	29	30	31
JUNE 07							
						1	2
	3	4	5	6	7	8	9
	10	11	12	13	14	15	16
	17	18	19	20	21	22	23
	24	25	26	27	28	29	30

IMA Participating Institutions: Air Force Research Laboratory, Carnegie Mellon University, Consiglio Nazionale delle Ricerche, Georgia Institute of Technology, Indiana University, Iowa State University, Kent State University, Lawrence Livermore National Laboratory, Los Alamos National Laboratory, Michigan State University, Mississippi State University, Northern Illinois University, Ohio State University, Pennsylvania State University, Purdue University, Rice University, Rutgers University, Sandia National Laboratories, Seoul National University (BK21 Math-SNU), Seoul National University (SRCCS), Texas A & M University, University of Chicago, University of Cincinnati, University of Delaware, University of Houston, University of Illinois, University of Iowa, University of Kentucky, University of Maryland, University of Michigan, University of Minnesota, University of Notre Dame, University of Pittsburgh, University of Texas at Austin, University of Wisconsin, University of Wyoming, Wayne State University.

IMA Participating Corporations: Boeing, Corning, ExxonMobil, Ford, General Electric, General Motors, Honeywell, IBM, Johnson & Johnson, Lockheed Martin, Medtronic, Motorola, Schlumberger, Siemens, Telcordia Technologies, 3M.



The IMA was founded by and receives major support from the National Science Foundation, Division of Mathematical Sciences.

Image of Griggs-Duffy Platform by Charles W. Wampler and Douglas N. Arnold