

September 16 - 20, 2007,
Bonn, Germany



The 10th International Workshop on

Computer Algebra in Scientific Computing

with some special features, honoring Vladimir Gerdt
on the occasion of his 60th birthday

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Topics:

- exact and approximate computation
- numerical simulation using computer algebra systems
- parallel symbolic-numeric computation
- problem-solving environment
- internet accessible symbolic and numeric computation
- symbolic-numeric methods for differential, differential-algebraic, and difference equations
- algebraic methods in geometric modeling
- algebraic methods for nonlinear polynomial equations and inequalities
- symbolic and numerical computation in systems engineering and modeling
- algorithmic and complexity considerations in computer algebra
- computer algebra in industry
- computer algebra in nanotechnology
- solving problems in natural sciences
- automated reasoning in algebra and geometry

Local Organization (University of Bonn)

Andreas Weber (Computer Science Department)
Joachim von zur Gathen (B-IT)

Important Dates

April 1	- submission of full paper
June 15	- notification of acceptance
August 15	- deadline for registration

WWW: <http://wwwmayr.in.tum.de/CASC2007>