

Program
ECCAD'2001
May 5, Tallahassee, FL

- 8:00 – 8:45 Registration.
- 8:45 – 9:00 Opening Remarks.
- 9:00 – 10:00 Invited Lecture: Arne Storjohann (U. of Western Ontario).
Design and Analysis of Algorithms for Symbolic Linear Algebra.
- 10:00 – 10:30 Break.
- 10:30 – 11:30 Invited Lecture: Hoon Hong (NCSU).
Computer Algebra for Composed Polynomials.
- 11:30 – 1:30 Lunch.
- 1:30 – 2:30 Poster Session 1.
- 2:30 – 3:30 Invited Lecture: Alexander Hulpke (Ohio State U.).
Working with Quotients of Finitely Presented Groups.
- 3:30 – 4:30 Poster Session 2.
- 4:30 Closing Remarks.
- 5:00 – 6:00 Reception at the Turnbull Center.
- 6:00 – 8:00 Dinner Buffet will be served at the Turnbull Center.

Poster sessions
ECCAD'2001
May 5, Tallahassee, FL

Poster Session 1.

- **Mhenni Benghorbal**
Approximate Solution Of The Fractional Differential Equation $D^q y(x) = \lambda y(x)$
(joint work with Robert Corless)
- **Nikolaj Glazunov**
Computer Algebra of Zeta Functions and Distribution of Numerical Sequences
- **Markus Hitz**
Penrose Revisited
- **Claude-Pierre Jeannerod**
Computing matrix perturbations with minimal leading Jordan structure
- **Jeremy Johnson**
SPIRAL: A System for Implementation and Platform-Adaptation of Signal Processing Algorithms (joint work with Markus Pueschel)
- **Ilias Kotsireas**
Implicitization of curves surfaces and hypersurfaces
- **Werner Krandick**
Parallel Isolation of Polynomial Real Roots.

Poster Session 2.

- **John May**
Gao's Bivariate Polynomial Factorisation Algorithm: A Maple Implementation
- **Yuri Movsisyan**
Hyperidentities And Hypervarieties, classification, characterization and application
- **Jack Perry**
Groebner Bases for Composed Polynomials (joint work with Hoon Hong).
- **Andreas Strotmann**
Intelligent Mathematics Tutoring and Testing: Two Experiments and their Lessons
- **Vladimir Tonchev**
A mass formula for Steiner triple systems $STS(2^n - 1)$ of 2-rank $2^n - n$
- **William Turner**
A Randomized Baby Steps/Giant Steps Implementation of Wiedemann's Determinant Algorithm (joint work with Erich Kaltofen).
- **Xiaofang Xie**
Symbolic Circuit Analysis in Maple (joint work with Robert Corless and Stephen Watt)
- **Eugene Zima**
On computational properties of chains of recurrences.