

USACAS 2010 Program, June 26-27

SATURDAY

Time						
7:30	Registration & Continental Breakfast (Student Commons)					
8:30 -- 9:00	Welcome and Orientation <i>Hamilton, Jakucyn, Bowler-Johnson, Leonard (C234)</i>					
9:00 -- 10:15	Taking Advantage of the Surprise Factor of CAS Responses to Spur the Growth of Algebraic Understanding <i>Kieran (C234)</i>					
10:30 -- 11:30	M ³ : The Bavarian CAS Project <i>Fritsche (C231)</i>	The Role of CAS in Learning Mathematics <i>Burrill (C225)</i>	CAS Technology: The Good, the Bad, and the Ugly <i>Schultz (C203)</i>	From Products and Patterns to Process: Transforming Symbolic Algebra Uses with Interactive Environments <i>Dick (C221)</i>	Introduction to the Casio Classpad 330 and CAS <i>Zamora (C236)</i>	An Introduction to CAS on the TI-Nspire CAS Handheld Calculator <i>R. Klein (C233)</i>
11:30	Lunch (Student Commons)					
12:30 -- 1:30	CAS in the UCSMP 3rd Edition Curriculum <i>Greenspan (C231)</i>	Mathematicians Use of CAS in University-level Mathematics Teaching <i>Lavicza (C225)</i>	What Might a School CAS Look Like? <i>Arnold (C223)</i>	Incorporating TI-Nspire CAS and SMART Boards Into the High School Mathematics Classroom <i>Reardon (C236)</i>	"CAS"-ing the Volume of a Vase: Creating a Conceptual Framework for Calculus <i>Phelps (C233)</i>	Introduction to Teaching with TI-Nspire CAS <i>Kutzler (C331)</i>
1:45 -- 2:45	The Role of CAS in Mathematical Skills and Problem Solving: What Research Suggests and What Research is Still Needed <i>Heid (C221)</i>	Implementing CAS at the Whole-School Level: Why and How Three Public Schools Did It <i>Gartner, Karafiol, Viktora (C231)</i>	Is There a Better Way to Teach Algebra? (Part 2) <i>Williams (C225)</i>	Using CAS to "Discover" Formulas: Employing Pattern Recognition to Increase Retention <i>Austin (C203)</i>	Exploring CAS Features in Algebra 2 and Precalculus <i>Lepeska (C224)</i>	Pushing the Envelope with CAS: Roundtable Discussion <i>McMullin (C233)</i>
2:45	Snack (Student Commons)					
3:00 -- 4:00	The Ethics of Using CAS <i>Usiskin (C224)</i>	Technology and the Yin & Yang of Teaching and Learning Mathematics <i>Kutzler (C231)</i>	Create Your Own Interactive Algebra Documents Using TI-Nspire <i>Arnold (C236)</i>	CAS, Plausibility, and Problem Solving in Algebra 2 <i>O'Roark (C223)</i>	Enhancing Precalculus Mathematics with CAS <i>B. Klein (C233)</i>	GeoGebra CAS Workshop <i>Lavicza (C331)</i>

SUNDAY

Time						
7:30	Continental Breakfast (Cafeteria)					
8:30 -- 9:30	Cultural Influences on CAS Use in Mathematics Teaching <i>Lavicza/Erdodl (C231)</i>	Mathematics Questions in Standardized Tests That Permit CAS <i>Wylie (C225)</i>	Student Developed Interactive Worksheets as an Aid in Developing Problem Solving Skills <i>Bellman (C221)</i>	Being Creative with CAS in Algebra I <i>Wiltjer (C233)</i>	Teaching Second Year Algebra with CAS <i>Buescher (C236)</i>	The Evolution of CAS <i>Lassak (C203)</i>
9:45 -- 10:45	Using CAS on the Job: The Mathematics of Task Design <i>Cuoco (C224)</i>	Crop Circles: The Mathematics of Central Pivot Irrigation <i>Todd (C231)</i>	Incorporating TI-Nspire CAS in an Inclusion Classroom to Help Struggling Students Succeed in Algebra <i>Panova (C233)</i>	The Mathematics of Recursively-Imbedded Expressions <i>Reiners (C203)</i>	Working Through a Single "Nspired" Mathematics Problem <i>Porzio (C223)</i>	Open Forum <i>Jakucyn (C234)</i>
11:00 -- 12:00	CAS at Work: Correcting Roads <i>Fritsche (C225)</i>	Uses of CAS That Support or Hinder Problem Solving and Mathematical Skill Development <i>Zbiek (C236)</i>	Integrating CAS into High School Mathematics <i>Cuoco (C224)</i>	Love & Peace in a Mathematics Classroom? <i>Whitfield (C203)</i>	Using Computer Algebra in a 4th-year High School Mathematics Course for the Average Student <i>Foley (C221)</i>	Connecting Geometry and Algebra with CAS-based Applets <i>Edwards (C331)</i>
12:15	Lunch (Student Commons)					