USACAS10 Program, June 24-25, 2017

SATURDAY

Time						
7:30	**Registration & Continental Breakfast [Shiverick Commons}**					
815 -- 8:45	Welcome and Orientation *Hamilton, Harrow, Jakucyn, Klein, Reardon [AC Lobby]*					
9:00 -- 10:00	CAS Makes Math More Difficult… And Much More Interesting *Rose Mary Zbiek*	An Introduction to CAS Using TI-Nspire Technology *Ray Klein*	Using Force to Crack Some Geometry Chestnuts *Philip Todd*	Assessing Algebraic Concepts with CAS *Deborah Horowitz*	Using TI-Nspire CAS to See Beauty and Harmony in Senior School Mathematics *Peter Flynn*	Probability, Polynomials, and CAS *Steve Phelps*
10:10 -- 11:10	CAS and Equal Opportunity in Mathematics *Gregory Foley*	Raising the Bar with CAS *Michelle Bonds*	Exploring the GeoGebra CAS *Todd Edwards*	Equivalence: The Critical Thread – All Things Being Equal *Mary Wiltjer*	CAS Before Pencil and Paper, and Vice Versa *Paul Foerster*	Precalculus Activities for TI-Nspire CAS Technology *Richard Parr*
11:10	**Lunch [White House]**					
11:55 -- 12:55	Mathematics Assessment Robot Based on CAS *Hongguang Fu and Qingxian Wang [AC Lobby]*					
1:05 -- 2:05	Dynamic "Proofs Without Words" Using CAS *Thomas Dick*	Triumphs and Challenges in Coordinating CAS and Paper-and-Pencil in Classrooms: Lessons from a Teacher-Researcher Partnership *Nicole Fonger*	Integrate CAS and DGS (Dynamic Geometry Software) with Problem Solving *Tom Reardon*	Tackling the New SAT with CAS *Michael Buescher*	The Cubic: the Polynomial that Keeps on Giving *Peter Flynn*	There's a CAS in CASIO: Our Newest Innovations *Nathan Austin*
2:05	**Snack [Shiverick Commons]**					
2:20 -- 3:20	CAS Classrooms as Sites for Big Ideas in Mathematics *M. Kathleen Heid*	My Favorite Locus Problems *Irina Lyublinskaya*	Using CAS as a Teaching Tool *Ken Collins*	Using CAS in the Sciences to Promote the Use of CAS in Mathematics *David Young*	Using CAS and the Navigator System to Reinvent Your Algebra Course *Robin Gapinski, Debbie Dicker*	Standards for Mathematical Practice and the Case for CAS *Sean Bird*

SUNDAY

Time					
8:00	**Continental Breakfast [Shiverick Commons]**				
8:30 -- 9:30	Probability from Grade 5 to High School *Al Cuoco*	Small Steps Ensure Student Success *Anthony Farrell*	Pre-Service Teachers Discover Open Gems in Elementary Number Theory with the TI-Nspire CAS *Jay Schiffman*	CAS Activities from Algebra to Calculus *GT Springer, Michael Grasse*	Geometric Transformations of Functions with CAS *Irina Lyublinskaya*
9:40 -- 10:40	Using CAS to Build Concept Images, Check Conjectures and Verify Solutions *Gail Burrill*	Multilayered Lessons with CAS *Ismael Zamora*	Easy Mathematical Modeling from the Comfort of Your Favorite Browser *Hannah Kemper*	Design and Production: Investigating the Effects of Error with CAS *Dennis Wilson*	CAS-ing Up the Conics *Steve Phelps*
10:50 -- 11:50	Symbolic Magic *Michel Beaudin*	Working Through an 'Nspiring' Mathematics Task *Donald Porzio*	Common Core Topics for Algebra 2 with TI-Nspire CX CAS and Navigator *Patsy Fagan*	How Were Those Regressions Computed? Your TI-Nspire Knows… *Chris Harrow*	CAS Across the Curriculum *Fred Ferneyhough*
12:00	**Closing and Lunch [White House]**				