SATURDAY, OCTOBER 25, 2008

	***Mathematica* Pedagogy** Little Chief	**Engineering** Golden Gophers & Spartans	**Mathematics & Science** Fighting Illini	***Mathematica* Technology** Little Chief	**Wolfram Research Developer Talks** Little Chief	**Tutorials** Homewood	
7:00AM	**Breakfast** Illini Ballroom						7:00AM
7:30AM							7:30AM
8:00AM							8:00AM
8:30AM	**The *Mathematica* Essentials Palette** Eric Schulz, Fighting Illini & Little Chief						8:30AM
9:00AM							9:00AM
9:30AM	**Break** Alumni Ballroom						9:30AM
10:00AM		**Cutting-Edge Cores–Origami Meets Aerospace** Klaus Drechsler, Yves Klett	**Experimental Mathematics: *Mathematica*'s Role in Obtaining New Results on Projectile Motion** Ed Packel		**Transcendental Roots** Adam Strzebonski	**Data Collections** Wolfram Education Group	10:00AM
10:30AM		**Developing and Communicating Effective Process-Control Algorithms for the Clinical Laboratory** George V. Woodrow III	**Schemes of Analysis for Systems with Different Forms of Aftereffect** Vladimir V. Malanin, Igor E. Polosko		**Splines** Yu-Sung Chang		10:30AM
11:00AM		**Hybrid Genetic Algorithm for Heterogeneous Recurrent Neural Networks Construction** Zdenek Buk, Miroslav Snorek	***Mathematica* Assistance in Proving Theorems in Nonlinear Control** Palle Kotta, Ülle Kotta		**Stiffness Detection in NDSolve** Mark Sofroniou	**Importing and Exporting** Wolfram Education Group	11:00AM
11:30AM	**Using Manipulate with Large Numbers of Controls** Richard Mercer	**Solving Problems for Nonlinear Control Systems Using web*Mathematica*** Ülle Kotta, Heli Rennik, Maris Tõnso	**Computer Arithmetic Emulation for Rounding-Error Analysis** William Schwartz				11:30AM
12:00PM	**Lunch** Illini Ballroom						12:00PM
12:30PM	**Function Paclets** Roger Germundsson, Nirmal Malapaka, Illini Ballroom						12:30PM
1:00PM							1:00PM
1:30PM	**Data Presentation Using Dials** Daniel G. Martinez	**Simulating Radiation Chemistry with *Mathematica*** Karen Colins	**Numerical Approximation of Heat Equations in Bounded Domains in *Mathematica*** Oana Rachieru			**Good Programming Principles** Wolfram Education Group	1:30PM
2:00PM	**. . . in *Mathematica*** Amanda Heitz, Debra Woods	**Modeling, Analysis and Synthesis of Nonlinear Control Systems with *Mathematica*** Juri Belikov, Vadim Kaparin, Ülle Kotta, Heli Rennik, Maris Tõnso	**Introduction to *DGeometrica*, a *Mathematica* Package for Differential Geometry** Yoshihiko Tazawa				2:00PM
2:30PM	**Abstract Algebra Rewritten for *Mathematica* 6** Al Hibbard	**Two-Dimensional Finite-Volume Solution Method for Material Loss and Heat Transfer in an Aircraft Skid Landing Wheels Up** George Carroll	**Checking Some Asymptotic Properties of Real and Complex Roots of Random Algebraic Polynomials** Henryk Zawadzki			**Programming in *Mathematica*** Wolfram Education Group	2:30PM
3:00PM	**Wave Propagation & Its Applications for High School Students Using *Mathematica*** Vaishnavi Giridaran, Karolina Kalbarczyk, Nishant Nookala, Kareem Sayegh	**Statics of Rigid Systems Using Manipulate** Daniel G. Martinez	**Self-Similar Sets with Overlap** Mark McClure				3:00PM
3:30PM	**Break** Alumni Ballroom						3:30PM
4:00PM		**Finding the Nuggets in Evolutionary Data** Namrata Khemka, Christian Jacob	**Shadowing Chaotic Motion** Rob Knapp, Stan Wagon	**Accelerated Computing and *Mathematica*** Schoeller Porter		***Mathematica* for Teachers** Wolfram Education Group	4:00PM
4:30PM				**Technology Preview—*Mathematica* Cloud** Schoeller Porter			4:30PM
5:00PM	**3D Printing** Esther Rhodes		**PH Curve Fitting in *Mathematica*** Marek Byrtus	**Developing ASP.NET Applications That Use the *Mathematica* Kernel** (Golden Gophers & Spartans) Ronald D. Reeves			5:00PM
5:30PM							5:30PM
6:00PM							6:00PM
6:30PM	**Dinner,** 6:30pm–9:30pm, Illinois Terminal						6:30PM