ZICE13 Conference program (version 14.01.2013)

Saturday, 26 January 2013		
17.00 – 19.00	Software Installation	Philipp Ott

Sunday, 27 January 2013		
09.30 – 10.30	Introduction to Computational Economics	Ken Judd
10.45 – 12.15	Numerical Optimization for Economists: Unconstrained Optimization	Todd Munson
12.15 – 13.45	Lunch	
13.45 – 15.15	Software tutorials: AMPLE	Ken Judd
15.30 – 17.00	Non-linear equations	Karl Schmedders
17.00 – 18.30	Office hours, homework	

Monday, 28 January 2013		
09.00 – 09.30	Discuss exercises	
09.30 – 11.00	Numerical Optimization for Economists: Constrained Optimization	Todd Munson
11.10 – 12.40	Approximation and Quadrature	Ken Judd
12.40 – 14.00	Lunch	
14.00 – 15.30	Constrained Optimization Approaches to Structural Estimation I	Che-Lin Su
15.30 – 18.00	Office hours, homework	

Tuesday, 29 January 2013		
09.00 – 09.30	Discuss exercises	
09.30 – 11.00	Numerical Optimization for Economists: Complementarity Problems	Todd Munson
11.10 – 12.40	Constrained Optimization Approaches to Structural Estimation II	Che-Lin Su
12.40 – 14.00	Lunch	
14.00 – 15.30	Dynamic programming	Ken Judd
15.30 – 18.00	Office hours, homework	
19.30	Conference Dinner, Restaurant Zeughauskeller	

Wednesday, 30 January 2013		
09.00 – 09.30	Discuss exercises	
09.30 – 11.00	Advanced Topics: Mixed-Integer Optimization and Global Optimization	Todd Munson
11.10 – 12.40	Software for Dynamic Programming	Ken Judd
12.40 – 14.00	Lunch	

14.00 – 15.30	Constrained Optimization Approaches to Structural Estimation III	Che-Lin Su
15.45 – 17.15	Modern Computational Economics	John Rust
17.30 – 18.30	Office hours, homework	

Thursday, 31 January 2013

09.00 – 09.30	Discuss exercises	
09.30 – 11.00	Projection Method	Ken Judd
11.10 – 12.40	Dynamic Programs in Climate Economics	Thomas Lontzek
12.45 – 14.15	Lunch talk: "Do Pharmacists Buy Bayer? Sophisticated Shoppers and the Brand Premium" (with Bart Bronnenberg, Matt Gentzkow and Jesse Shapiro) (Lunch being served)	Jean-Pierre Dubé (Chicago Booth)
14.30 – 16.00	Computing Equilibria of Repeated and Dynamics Games I	Sevin Yeltekin
16.00 – 18.00	Office hours, homework	

Friday, 1 February 2013

09.00 – 09.30	Discuss exercises	
09.30 – 11.00	Heterogeneous agents macro models	Ken Judd
11.10 – 12.40	Structural Estimation of single agent discrete choice models with an empirical focus	John Rust
12.40 – 14.00	Lunch	
14.00 – 15.30	Computing Equilibria of Repeated and Dynamics Games II	Sevin Yeltekin
15.45 – 17.15	The Dynamics of Bertrand Price Competition with Cost Reducing Investments	John Rust
17.30 – 18.30	Office hours, homework	

Saturday, 2 February 2013

09.00 – 09.30	Discuss exercises	
09.30 – 11.00	A big Data Approach to Optimal Tax Policy for Modern Dynamic Economies	Ken Judd
11.10 – 12.40	An advanced numerical analysis of "Does AMD Spur Intel to Innovate More?"	John Rust
12.40 – 14.00	Lunch	
14.00 – 15.30	All Solution Homotopies	Karl Schmedders
15.40 – 17.10	Groebner Bases	Felix Kübler

Sunday, 3 February 2013

No official program today. We wish you all a safe journey back home.