

Special Session on Difference and Differential Equations, I

Organized by Allan Peterson and Lynn Erbe

Friday, May 15, Burnett 124

- | | | |
|-------------|--|--|
| 10:30–10:50 | Klaus Schmitt,
(University of Utah) | <i>From subfunctions to viscosity solutions</i> |
| 11:00–11:20 | A.M. Fink,
(Iowa State University) | <i>Hadamard's inequality revisited</i> |
| 11:30–11:50 | Marc Chamberland,
(Grinnell College) | <i>Diffeomorphic two-dimensional maps and the Jacobian Conjecture</i> |
| 12:00–12:20 | Wendy Hines,
(University of Nebraska-Lincoln) | <i>Dependence of the attractor on the timestep for a discretized delay-differential equation</i> |

Special Session on Difference and Differential Equations, II

Friday, May 15, Burnett 124

- | | | |
|-----------|---|--|
| 3:30–3:50 | Jerry Bebernes,
(University of Colorado) | <i>Local and nonlocal parabolic problems</i> |
| 4:00–4:20 | Ron Mathsen,
(North Dakota State University) | <i>On the trail of neutral differential delay equations</i> |
| 4:30–4:20 | Richard Rebarber,
(University of Nebraska-Lincoln) | <i>The relationship between continuous time and discrete time infinite dimensional control systems</i> |
| 5:00–5:20 | Mike Morelli,
(University of Wisconsin-Stout) | <i>A third order difference equation</i> |

Special Session on Difference and Differential Equations, III

Saturday, May 16, Burnett 124

- | | | |
|-------------|---|---|
| 10:30–10:50 | Ravi Agarwal,
(National University of Singapore) | <i>On singular conjugate boundary value problems</i> |
| 11:00–11:20 | Lynn Erbe,
(University of Nebraska-Lincoln) | <i>The problem with cones</i> |
| 11:30–11:50 | Martin Bohner,
(San Diego State University) | <i>Asymptotic behavior of dynamic equations on time scales</i> |
| 12:00–12:20 | Johnny Henderson,
(Auburn University) | <i>Extremal points for impulsive Lidstone boundary value problems</i> |

Special Session on Difference and Differential Equations, IV

Saturday, May 16, Burnett 124

- | | | |
|-----------|---|--|
| 4:30–4:50 | Allan Peterson,
(University of Nebraska-Lincoln) | <i>Green's functions and applications to differential equations on time scales</i> |
| 5:00–5:20 | Calvin Ahlbrandt,
(University of Missouri) | <i>A variable step second order time reversible symplectic integrator for Hamiltonian systems generated from Lagrangians</i> |