Dynamics Days 2018: Poster Titles

For a book of poster abstracts, go to the conference webpage or request a printed copy at the registration desk (limited number available).

Poster Session A: Thursday, 7:30 PM - 9:30 PM

A1 - Kinetic Non-Stationary Plasma Waves: Resonant vs Non-Resonant Modes, self-organized nonlinearly.
Bedros Afeyan, *Polymath Research*, Richard Sydora, U. Alberta; Bradley Shadwick, U. Nebraska-Lincoln, Jeffrey Hittinger, LLNL, David Larson (LLNL)

A2 - A data-driven approach to computing time-dependent active subspaces in dynamical systems.
Izabel P. Aguiar, Paul G. Constantine, University of Colorado, Boulder.

A3 - Universality of the Evolution in Paradigmatic Mixed Systems
Or Alus, Shmuel Fishman, Technion; James Meiss, University of Colorado at Boulder.

A4 - Cluster synchronization of diffusively-coupled nonlinear systems: A contraction based approach
Zahra Aminzare, Biswadip Dey, Elizabeth N. Davison, Naomi Ehrich Leonard, Princeton University.

A5 - Forecasting Events in the Complex Dynamics of a Semiconductor Laser with Optical Feedback
Andres Aragoneses Aguado, Meritxell Colet, Carleton College.

A6 - Is Human Atrial Fibrillation Stochastic or Deterministic?
Konstantinos N Aronis, Susumu Tao, Hiroshi Ashikaga, Johns Hopkins University.

A7 - Localizing rotors in human atrial fibrillation using differential entropy
Konstantinos N Aronis, Susumu Tao, Hiroshi Ashikaga, Johns Hopkins University.

A8 - X-band Microwave Accelerating Cavity
Joseph Betz, Brian Beaudoin, Widener University.

A9 - Emergent Bistability and switching in a nonequilibrium crystal
Justin C. Burton, Guram Gogia, Emory University.

A10 - Control of Unknown Chaotic Systems with Reservoir Computing
Daniel M. Canaday, Aaron Griffith, Daniel Gauthier, Ohio State University.

A11 - A topological foundation of the present-day "monsoon climate" regime on Earth
Peter Carl, ASWEX - Applied Water Research.

A12 - Cutting and Shuffling with Diffusion: Cut-offs in Interval Exchange Maps
Ivan C. Christov, Mengying Wang, Purdue University.

A13 - The tipping point: a mathematical model for the profit-driven abandonment of restaurant tipping
Sara M. Clifton, University of Illinois at Urbana-Champaign; Eileen Herbers, Jack Chen, Daniel M. Abrams, Northwestern University.

A14 - Stability of traveling pulses in a FitzHugh-Nagumo system via the Maslov index
Paul G. Cornwell, Chris Jones, University of North Carolina at Chapel Hill.