



CONFERENCE SCHEDULE (8-9 update)
AUGUST 11-13, 2017
27th Annual Conference of the
Society for Chaos Theory in Psychology and Life Sciences
Cincinnati Children's Hospital
 3333 Burnet Ave (main entrance, Bldg. C)
 Cincinnati, OH 45229 USA
 Building D, Rooms D2.22, D2.23-26, and D2.40

FRIDAY, AUGUST 11, 2017 (8AM - 5PM) Workshop: <i>Applications Galore</i> Building D, Room D2.22			
SATURDAY, AUGUST 12, 2017			
8:30-8:45	<i>Refreshment and gathering</i>		
8:45-9:00	Conference Opening Plenary: introductions and Kickoff. Room D2.23-26.		
9:00-10:00	Opening Keynote, Room D2.23-26 Keynote Speaker: Heidi Kloos, <i>STEM Learning and Network Theory: Promise or Fad?</i>		
10-10:30	<i>Morning refreshment break</i>		
	Room D2.22	Room D2.23-25	Room D2.40
	Epistemology	Political, Cultural, and Evolutionary Dynamics	Motor Pathology, Psychopathology
10:30-11:00	Frederick David Abraham, <i>The Entanglement Of Semiotics and Dynamics</i>	Jayne Fleener, <i>It's Really Not So Complicated, But It Requires Complexity: Challenges For 21st Century Democracy and Educational Research</i>	Vivien Marmelat, Nicholas Reynolds, Daniel Jaravata, Amy Hellman, <i>Fractal Analysis Of Gait In People With Parkinson's Disease: Is 3 Minutes Enough?</i>
11:00-11:30	Jeffrey Goldstein, <i>Emergence and Bergson's Upspringing</i>	Joseph Jacobsen, <i>Sudden Diffusion Of Sustainable Technologies</i>	Paula Silva, Adam Kiefer, Priscila Figueiredo, Bruna Avelar, Sergio Fonseca, and Marisa Mancini, <i>Reduced Adaptability Of Upper Limb Performance In Teenagers With Cerebral Palsy: Evidence For A Dynamical Account</i>
11:30-12:00	Brandon Thomas, <i>False Dichotomies In Psychology: What Self-Organization Means For Psychological Phenomena</i>	Shan Guisinger, <i>Attractors, Catastrophes and Archetypes: Evidence For Humans Nature</i>	Kenneth Ware, <i>Perturbing and Detraining Adults Fear and Avoidance In Pathological Anxiety Disorders</i>
12:00-1:30	<i>Lunch (on our own)</i>		

	Room D2.22	Room D2.23-25	Room D2.40
	<i>Symposium/Panel</i>	<i>Organizational, Leadership, and Coordination</i>	<i>Psychopathology</i>
1:30-2:00	<p><i>Symposium</i> (≈ 2 hrs). Gus Kohler, Pin Li, Diane Rosen, Fred Abraham, Investigation of a Foundation for New Poetic-Scientific Research</p>	Stephen J. Guastello, Anthony N. Correro II, and David E. Marra. Do Emergent Leaders Experience Greater Workload? The Swallowtail Catastrophe Model And Changes In Leadership	Mikhail Zimin and Svetlana Zimina, Diagnosing Abnormal Conditions With The Help Of Analysis Of Dependences Of Predictors On Time
2-2:30		Richard N. Knowles, Insights About Self-Organizing Criticality and The Process Enneagram In Building Sustainable, High Performance Organizations	David Kreindler and Aamir Munshi, Entropy and Periodicity Analysis Of Mood Symptoms In Affective Disorder
2:30-3:00		Stephen J. Guastello, Anthony N. Correro II, and David E. Marra, Cusp Catastrophe Models For Cognitive Workload and Fatigue In Teams	Daniel E. Dewey, David Schuldberg, and Allen D. Szalda-Petree, Causality and Complexity In Negative Emotions And PTSD Symptoms
3:00-3:15		(Free Time and Poster Set Up)	(Free Time and Poster Set Up)
	POSTERS, Room D2.26		
3:15-4:30	Vivien Marmelat, Periodic Versus Variable Pacing Of Gait: Continuous Coupling Versus Discrete Error Correction Shawn Daley and Vivien Marmelat, The Effects Of Levodopa On Postural Complexity In Parkinson's Disease	Austin Duncan, Altering Stride Dynamics Of Parkinson's Disease Patients Utilizing Fractally Structured Auditory Stimulation Charlotte Fiskum, Cardiac Complexity Predicts Degree Of Psychopathology In Children With Internalizing Difficulties	
4:30 to 6:45 is free time before evening festivities and keynote			
6:45-7:15	Reception, with beverages and hors d'oeuvres provided Building S Room S1.203		
7:15	<i>Buffet opens for our annual Banquet, Building S Room S1.203</i>		
	Banquet, Building S Room S1.203.		
	7:45-ish Banquet Keynote Speaker: Warren W. Burggren - <i>Developmental Plasticity, Epigenetics and Evolution: Nonlinear Thinking in Traditionally Linear Biological Fields</i>		

SUNDAY, AUGUST 13, 2017

8:30-9:15	<i>Refreshments with Members' Annual Business Meeting, D2.23-26</i>		
	Room D2.22	Room D2.23-25	Room D2.40
	Clinical and Interpersonal	Symposium (90 minutes)	Nonlinear Prediction
9:15-9:45	Zetta Kougiali, Directionality and Nonlinearity In The Narrative Construction Of Change and Recovery From Addiction	<i>Symposium:</i> Ken Ware, Adam Keifer, and Sara Nora Ross, Transferability Of Fractal Properties and Scale-Free Transitions: Principles and Rules Leveraged By Neurophysics Therapy as a General Framework For Interventions In Other Domains	Mikhail Zimin and Olga Kumukova, Diagnosing Dangerous Conditions Of The Snow Pack With The Help Of Analysis Of Dependences Of Thickness Of Loose Snow Horizon On Time
9:45-10:15	David Pincus, Romantic Resilience: Fractal Conflict Dynamics and Dating Satisfaction		Russell Gonnering, Positive Deviance Leads To Counterintuitive Findings In Native American Health Disparities
10:15-10:45	Zetta Kougiali and Laura Mcgrath, Topology and Complexity In Addiction and Recovery		
10:45-11:15	Morning break and refreshments		
	Navigation and Coordination	Symposium (60 minutes)	Symposium (60 minutes)
11:15-11:45	Patric Nordbeck, Rachel Kallen, Anthony Chemero, and Michael Richardson, Modeling An Object Transportation Task With The Cusp Catastrophe	<i>Symposium:</i> Paula De Franco and Stanley Krippner, The Dynamic Bridge Between Ego and Shadow	<i>Symposium:</i> Michael Radin, Inese Bula, and Nicholas Wilkins. Patterns Of Periodic and Eventually Periodic Solutions Of Piece-Wise Difference Equations With Applications
11:45-12:15	Dieter Vanderelst, Modeling the sensorimotor dynamics of bat prey capture: questioning the optimality thesis		
12:15-1:45	Lunch (on our own)		

	Room D2.22	Room D2.23-25	Room D2.40
	<i>Motor Skill and Dexterity</i>	<i>Play and Aesthetics</i>	<i>Learning, Cognition, Education</i>
1:45-2:15	Joshua Haworth, Eric Slattery, and Mark Walsh, Task Specificity Constrains Postural Sway Dynamics: A Study Of Balance In Ice Hockey Players	Doris Bergen And Mostafa Modir Roustaa, Creativity, Humor, and Play: A Dynamic Systems Neuro-Developmental Perspective	Ramon Castillo, Heidi Kloos, and Trung T. Pham, Sticky Knowledge: The Role Of Uncertainty In The Cohesion Of Flow Network Of Beliefs
2:15-2:45	Austin Duncan And Vivien Marmelat, Individual Relationships Between Locomotor Dexterity and Stride To Stride Dynamics	Faina Berezovskaya and George Karev, Model Of Greek Ornamental Design	Ethan Fleuchaus, Heidi Kloos, Paula Silva, and Adam Kiefer, The Antifragile Mind: Reconceptualizing Mistaken Belief In Early Science Learning
2:45-3:15	Michael O'Hearn, Therapeutic Drumming: A Complexity-Based Approach To Self-Regulation and Mind-Body Continuity	David Schuldberg, Using Toy Models To Teach Nonlinear Dynamical Systems Ideas	
3:15-3:45	<i>Integrative Closing Plenary Session, Room D2.23-26</i>		

Thank you for contributing your knowledge and your presence to our 27th Annual Conference of the Society for Chaos Theory in Psychology & Life Sciences!

Best wishes for safe journeys home for all!