WiMSoCal 2019

Saturday, September 28, 2019
California State University Channel Islands
Schedule

Location: Del Norte Hall First Floor Lobby
8:15 − 8:45   Registration, coffee and continental breakfast

Location: Del Norte Hall 1500
8:45 − 9:00   Brief welcome

Concurrent
Talks Session I
Location: Del Norte Hall 1530
9:00 − 9:20   Clover May, UCLA
    Some structure theorems for $RO(G)$-graded cohomology
9:30 − 9:50   Eilidh McKemmie, USC
    Probabilistic invariable generation of finite groups of Lie type
10:00 − 10:20   Shanna Dobson, CSULA
    Crystalline Topos and Profinite Completion of the Adic Fargues-Fontaine Curve
~~**10:30 − 10:50**~~   ~~Kelley Yang, USC~~   CANCELED
    ~~*Analysis in Almost Abelian Homogeneous Spaces: Geometrical Constructions*~~

Location: Del Norte Hall 1535
9:00 − 9:20   Felicia Tabing, USC
    Exit Tickets for Engagement and Assessing Students
9:30 − 9:50   Amelia Stone-Johnstone, San Diego State University
    Gender Equity within Inquiry-Oriented Classrooms
10:00 − 10:20   Jarmila Nguyen, CSUCI
    Mathematics education for future elementary teachers at CSUCI
10:30 − 10:50   Cymra Haskell, USC
    Exploring Infinitesimals in a Math Teachers Circle

Location Del Norte Hall 1545
9:00 − 9:20   Carolyn Yarnall, California State University Dominguez Hills
    Approval Voting in Product Societies
~~**9:30 − 9:50**~~   ~~Treena Basu, Occidental College~~   CANCELED
    ~~*Application of Machine Learning to Student College Decision Making*~~
10:00 − 10:20   Christina Edholm, Scripps College
    Modeling the role of superspreaders in infectious disease outbreaks
10:30 − 10:50   Melike Sirlanci, California Institute of Technology
    Forecasting Future Blood Glucose Levels in Type 2 Diabetes Mellitus and Intensive Care Unit Settings

Location: Del Norte Hall First Floor Lobby
11:00 − 11:20   Coffee Break sponsored by WISE at CSUCI
11:20 − 12:20   Breakout Sessions (Del Norte Hall 1555, 1550, 1545, 1535, 1530)

Location: Island's Cafe
12:20 − 1:20   Lunch

Location: Del Norte Hall 1500
1:20 − 2:00   Panel discussion
2:00 − 3:00   Keynote Address
             Dr. Ivona Grzegorczyk, CSUCI
             Beauty of Algebraic Varieties and Recent Results

Location: Del Norte Hall First Floor Lobby
3:00 − 3:30   Coffee Break

Concurrent
Talks Session II
Location: Del Norte Hall 1530
3:30 − 3:50   Tuyetdong Phan-Yamada, CSULA
             Pascal Matrix in Zn
4:00 − 4:20   Vickie Chen, CSUCI
             Hypergraphwise Relatively Prime Densities
4:30 − 4:50   Jessalyn Bolkema, Harvey Mudd College
             On belief propagation decoding of polar codes

Location: Del Norte Hall 1535
3:30 − 3:50   Polona Durcik, California Institute of Technology
             Singular Brascamp-Lieb inequalities and applications
4:00 − 4:20   Zhanerke Temirgaliyeva, USC
             *On existence and uniqueness of solutions to the 3D incompressible Navier-
             Stokes equations with nonlinear damping*
4:30 − 4:50   Jamie L Haddock, UCLA
             Analyzing Hybrid Randomized and Greedy Projection Methods

Location: Del Norte Hall 1545
3:30 − 3:50   Jessica Jaynes, California State University Fullerton
             *Design and Construction of Discrete Choice Experiments using Blocked Frac-
             tional Factorial Designs*
4:00 − 4:20   Avery Brunk, CSUCI
             CHS: Cold Hard Stats
4:30 − 4:50   Yujia Ding, Institute of Mathematical Sciences, Claremont Graduate Uni-
             versity
             *Arbitrary Rectangle-range Generalized Elastic Net Penalty Model and Vari-
             able Selection Consistency*

Del Norte Hall First Floor Lobby
5:00 − 6:00   Closing Remarks with Wine & Cheese