Wednesday, May 2	Thursday, May 3	Thursday, May 3

Wednesday, May 2

5:00 PM - 7:00 PM
Registration
Rio Vista Ballroom Foyer

Thursday, May 3

7:00 AM - 7:30 AM
Registration
Rio Vista Ballroom Foyer

7:30 AM - 8:00 AM
Continental Breakfast
Salon E-H

8:00 AM - 8:15 AM
Announcements
Salon A-D

8:15 AM - 9:30 AM
IP1 Talk Title Not Available
Bernhard Schölkopf, Max Planck Institute for Intelligent Systems, Germany
Salon A-D

9:30 AM - 10:00 AM
Coffee Break
Salon E-H

10:00 AM - 12:00 PM
Concurrent Sessions
TS1 Tutorial Session: A Critical Review of Online Social Data: Biases, Methodological: Pitfalls, and Ethical Boundaries
Sierra 5-6
CP1 Clustering
Salon A-C
CP2 Sequence Data
Salon D

12:00 PM - 1:15 PM
Lunch Break
Attendees on their own

1:15 PM - 2:30 PM
IP2 Learning to Rank Results Optimally in Search and Recommendation
Charles Elkan
University of California, San Diego, USA
Salon A-D

2:30 PM - 2:45 PM
Coffee Break
Salon E-H

2:45 PM - 4:45 PM
Concurrent Sessions
TS2 Tutorial Session: Data Mining Critical Infrastructure Systems - Models and Tools
Sierra 5-6
CP3 Networks 1
Salon A-C
CP4 Social Media
Salon D

4:45 PM - 5:00 PM
Organizational Break

5:00 PM - 7:00 PM
Concurrent Sessions
TS3 Tutorial Session: Knowledge Discovery from Temporal Social Networks
Sierra 5-6
CP5 Time Series Data 1
Salon A-C
CP6 Health Informatics
Salon D

7:00 PM - 9:00 PM
Welcome Reception and Poster Session Part I
Rio Vista Pavilion

Friday, May 4

7:30 AM - 4:00 PM
Registration
Rio Vista Ballroom Foyer

7:30 AM - 8:00 AM
Continental Breakfast
Salon E-H

8:00 AM - 8:15 AM
Announcements
Salon A-D

8:15 AM - 9:30 AM
IP3 Towards a Structure/Function Simulation of a Cancer Cell
Trey G. Ideker
University of California, San Diego, USA
Salon A-D

9:30 AM - 10:00 AM
Coffee Break
Salon E-H

10:00 AM - 12:00 PM
Concurrent Sessions
TS4 Tutorial Session: Problems with Partially Observed (Incomplete) Networks: Biases, Skewed Results, and Solutions
Sierra 5-6
CP7 Graphs
Salon A-C
CP8 Matrix Factorization and Topic Models
Salon D

Friday, May 4	Saturday, May 5

Friday, May 4

12:00 PM - 1:15 PM
Lunch Break
Attendees on their own

1:15 PM - 3:15 PM
Concurrent Sessions
TS5 Tutorial Session: The Canonical Polyadic Tensor: Decomposition and Variants for Mining Multi-Dimensional Data
Sierra 5-6
CP9 Novel Learning Methods 1
Salon A-C
CP10 Classification
Salon D

3:15 PM - 3:30 PM
Coffee Break
Salon E-H

3:30 PM - 5:10 PM
Concurrent Sessions
TS5 Tutorial Session, continued: The Canonical Polyadic Tensor: Decomposition and Variants for Mining Multi-Dimensional Data
Sierra 5-6
CP11 Time Series Data 2
Salon A-C
CP12 Applied Data Science
Salon D

5:10 PM - 5:15 PM
Organizational Break

5:15 PM - 6:30 PM
PD1: Broadening Participation in Data Science
Salon D

6:30 PM - 7:00 PM
Award Ceremony and SIAG/DMA Business Meeting
Salon D
Complimentary beer and wine will be served.

7:00 PM - 9:00 PM
Doctoral Forum and Poster Session Part II
Rio Vista Pavilion

Saturday, May 5

7:30 AM - 4:00 PM
Registration
Rio Vista Ballroom Foyer

7:30 AM - 8:00 AM
Continental Breakfast
Salon E-H

8:00 AM - 9:15 AM
IP4 From Robots to Biomolecules: Computing Meets the Physical World
Lydia Kavraki, Rice University, USA
Salon A-D

9:15 AM - 9:30 AM
Coffee Break
Salon E-H

9:30 AM - 11:30 PM
CP13 Personalization
Salon D

9:30 AM - 5:45 PM
Concurrent Sessions
Workshop 1: Big Traffic Data Analytics
Sierra 6
Workshop 2: Artificial Intelligence in Insurance
Sierra 5
Workshop 3: Machine Learning Methods for Recommender Systems
Salon A-C
Workshop 4: Cost-Sensitive Learning
Balboa 1-2
Workshop 5: Data Mining for Geophysics and Geology
Cabrillo Salon 1
Workshop 6: Data Mining for Medicine and Healthcare
Cabrillo Salon 2

12:15 PM - 1:30 PM
Lunch Break
Attendees on their own

1:30 PM - 3:30 PM
CP14 Networks 2
Salon D

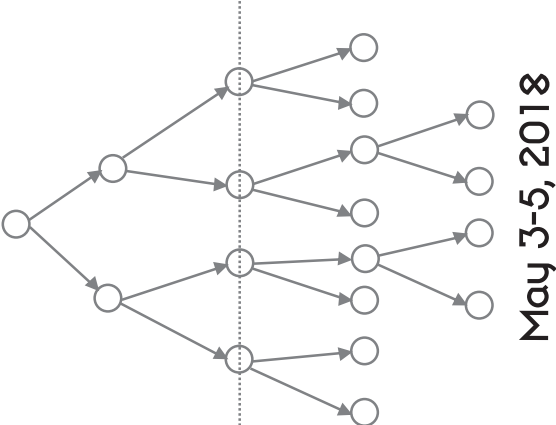**3:30 PM - 3:45 PM**
Coffee Break
Salon E-H

3:45 PM - 5:45 PM
CP15 Novel Learning Methods 2
Salon D

Key to abbreviations and symbols

Symbol	Meaning
☕ =	Coffee Break
🍴 =	Continental Breakfast
🍷 =	Refreshments Served
IP =	Invited Plenary Speaker
▮ =	Business Meeting
CP =	Contributed Presentation
🏅 =	Award Presentation
TS =	Tutorial Session
PD =	Panel Discussion
🖼 =	Poster Session

2018 SIAM International Conference
on DATA MINING

May 3-5, 2018

San Diego Marriott Mission Valley
San Diego, California, USA

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