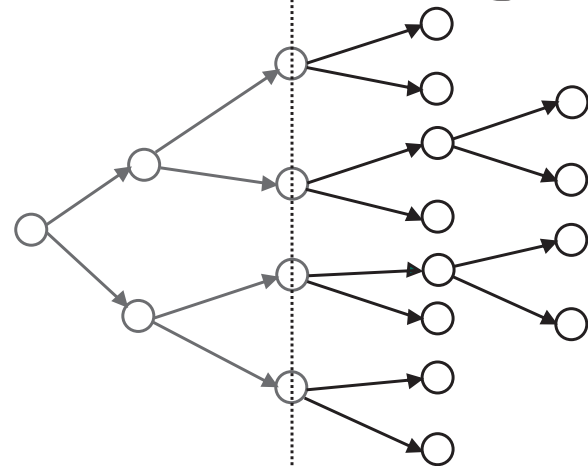


Program At-A-Glance

2017 SIAM
International Conference
on **DATA MINING**

April 27 - 29, 2017



The Westin Galleria Houston
Houston, Texas, USA



OPEN HERE

SIAM International Conference on Data Mining At-A-Glance

Wednesday, April 26

Thursday, April 27

Thursday, April 27

Friday, April 28

Friday, April 28

Saturday, April 29

5:00 PM - 7:00 PM

Registration
Chevy Chase

7:00 AM - 7:30 PM

Registration
Galleria Foyer

7:30 AM - 8:00 AM

Continental Breakfast
Galleria Foyer



8:00 AM - 8:15 AM

Welcome Remarks
Galleria Ballroom I

8:15 AM - 9:30 AM

IP1 Title Not Available at Time of Publication
William Craig Fugate
Federal Emergency Management Agency, USA
Galleria Ballroom I

9:30 AM - 10:00 AM

Coffee Break
Galleria Foyer



10:00 AM - 12:00 PM

Concurrent Sessions
TS1 Tutorial Session: An Introduction to Redescription Mining
Post Oak
CP1 Classification I
Galleria Ballroom I
CP2 Bioinformatics
Galleria Ballroom II
CP3 Anomaly and Outlier Detection
Tanglewood

12:00 PM - 1:15 PM

Lunch Break
Attendees on their own

1:15 PM - 2:30 PM

IP2 Collective Learning in Society and the Economy
Cesar Hidalgo, Massachusetts Institute of Technology, USA
Galleria Ballroom I

2:30 PM - 2:45 PM

Coffee Break
Galleria Foyer



2:45 PM - 4:45 PM

Concurrent Sessions
TS2 Tutorial Session: Leveraging Propagations for Data Mining
Post Oak
CP4 Classification II
Galleria Ballroom I
CP5 Health Informatics
Galleria Ballroom II
CP6 Clustering and Recommender Systems
Tanglewood

4:45 PM - 5:00 PM

Organizational Break

5:00 PM - 7:00 PM

Concurrent Sessions
TS3 Tutorial Session: Opportunities, Challenges and Methods for Higher Education Data Mining
Post Oak
CP7 Scalable Data Mining
Galleria Ballroom I
CP8 Mining Graphs I
Galleria Ballroom II
CP9 Recommender Systems
Tanglewood

7:00 PM - 9:00 PM

Welcome Reception and Poster Session
Galleria Ballroom III and Galleria Foyer



Friday, April 28

7:15 AM - 3:30 PM

Registration
Galleria Foyer

7:30 AM - 8:00 AM

Continental Breakfast
Galleria Foyer



8:00 AM - 8:15 AM

Announcements
Galleria Ballroom I

8:15 AM - 9:30 AM

IP3 Machine Learning under Resource Constraints
Katharina Morik, Technische Universität Dortmund, Germany
Galleria Ballroom I

9:30 AM - 10:00 AM

Coffee Break
Galleria Foyer



10:00 AM - 12:00 PM

Concurrent Sessions
TS4 Tutorial Session: IoT Big Data Stream Mining
Post Oak
CP10 Social Network Analysis
Galleria Ballroom I
CP11 Text and Web Mining
Galleria Ballroom II
CP12 Feature, Extraction, Selection, and Dimension Reduction
Tanglewood

12:00 PM - 1:15 PM

Lunch Break
Attendees on their own

1:15 PM - 2:30 PM

IP4 Repeated Choice, Markov Models, and LAMP
Andrew Tomkins, Google, Inc., USA
Galleria Ballroom I

2:30 PM - 2:45 PM

Coffee Break
Galleria Foyer



2:45 PM - 3:45 PM

TS4 Tutorial Session Continued: IoT Big Data Stream Mining
Post Oak

2:45 PM - 4:45 PM

Concurrent Sessions
CP13 Novel Applications
Galleria Ballroom I
CP14 Mining Graphs II
Galleria Ballroom II
CP15 Novel Learning Methods
Tanglewood

4:45 PM - 5:00 PM

Organizational Break

5:00 PM - 6:15 PM

PD1 Data Mining, Clinical Medicine, and Medical Research: The Current State and Future of the Nexus
Galleria Ballroom I

6:15 PM - 7:00 PM

Award Ceremony and SIAG/DMA Business Meeting
Galleria Ballroom I
Complimentary beer and wine will be served.



7:00 PM - 9:00 PM

Doctoral Forum and Poster Session
Galleria Ballroom III and Galleria Foyer



Saturday, April 29

7:15 AM - 4:00 PM

Registration
Galleria Foyer

7:30 AM - 8:00 AM

Continental Breakfast
Galleria Foyer



8:00 AM - 10:00 AM

CP16 Optimization Methods
Galleria Ballroom I

8:00 AM - 12:15 PM

Workshop 2 (half day): Data Mining for Medicine and Healthcare
Tanglewood

8:00 AM - 5:45 PM

Concurrent Sessions
Workshop 1 (full day): Machine Learning Methods for Recommender Systems
Galleria Ballroom II
Workshop 4 (full day): Inferring Networks From Non-Network Data
Post Oak
Workshop 5 (full day): Mining Big Data in Climate and Environment
Bellaire

Workshop 6 (full day): Women in Data Science
San Felipe

10:00 AM - 10:15 AM

Coffee Break
Galleria Foyer



10:15 AM - 12:15 PM

CP17 Data Stream Mining
Galleria Ballroom I

12:15 PM - 1:30 PM

Lunch Break
Attendees on their own

1:30 PM - 3:30 PM

CP18 Spatial-Temporal Mining
Galleria Ballroom I

1:30 PM - 5:45 PM

Workshop 3 (half-day): Workshop on Data Mining for Oil & Gas
Tanglewood

3:30 PM - 3:45 PM

Coffee Break
Galleria Foyer



3:45 PM - 5:45 PM

TS5 Summarizing Large-Scale Graph Data
Galleria Ballroom I

Key to abbreviations and symbols

= Coffee Break

= Refreshments Served

IP = Invited Plenary Speaker

CP = Contributed Presentation

TS = Tutorial Session

= Continental Breakfast

= Poster Session