

# At-a-Glance Schedule

SIAM  
International Conference on  
**DATA  
MINING**

May 2-4  
2019  
Hyatt Regency Calgary  
Calgary, Alberta, Canada

The diagram consists of a central vertical dashed line. To the left of this line, there are three nodes. The top node has an arrow pointing to the right, towards the 'A' in 'DATA'. The middle node has an arrow pointing to the right, towards the 'I' in 'MINING'. The bottom node has an arrow pointing to the right, towards the 'I' in 'MINING'. To the right of the vertical line, there are several nodes arranged in a grid-like pattern. Arrows point from the nodes on the left towards these nodes on the right, creating a network structure.

**siam**

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## Wednesday, May 1

## Thursday, May 2

## Thursday, May 2

5:00 p.m. - 7:00 p.m.

Registration  
Grand Foyer

7:00 a.m. - 5:30 p.m.

Registration  
Grand Foyer

7:30 a.m. - 8:00 a.m.

Continental Breakfast  
Grand Foyer

8:00 a.m. - 8:15 a.m.

Announcements  
Imperial 4, 6 & 8

8:15 a.m. - 9:15 a.m.

**IP1** Dynamic Clustering Algorithms for Point Sets and Graphs  
Monika Henzinger, University of Vienna, Austria  
Imperial 4, 6 & 8

9:15 a.m. - 9:45 a.m.

Coffee Break  
Grand Foyer

9:45 a.m. - 11:45 a.m.

**Concurrent Sessions****MT1** Analysis of Complex Rare Categories

Imperial 1

**CP1** Classification I

Imperial 2 &amp; 3

**CP2** Spatial/Temporal Data I

Imperial 5 &amp; 7

**Workshop 1:** A Simulcast Workshop on Data

Mining In/For Africa

Imperial 9

11:45 a.m. - 1:15 p.m.

Lunch Break  
Attendees on their own

1:15 p.m. - 2:15 p.m.

**IP2** Beyond Prediction on Big Data: Interpretable Models for Complex Time Series  
Emily Fox, University of Washington, U.S.  
Imperial 4, 6 & 8

2:15 p.m. - 2:45 p.m.

Coffee Break  
Grand Foyer

2:45 p.m. - 4:45 p.m.

**Concurrent Sessions****MT2** Taming Social Bots: Detection, Exploration and Measurement

Imperial 1

**CP3** Sequences, Patterns and Rules

Imperial 2 &amp; 3

**CP4** Probabilistic and Statistical Models

Imperial 5 &amp; 7

**Workshop 1:** A Simulcast Workshop on Data

Mining In/For Africa, continued

Imperial 9

4:45 p.m. - 5:00 p.m.

Organizational Break

5:00 p.m. - 7:00 p.m.

**Concurrent Sessions****MT3** Large-scale Spatiotemporal Analysis using Tensor Factorization

Imperial 1

**CP5** Text, Web, Social Media

Imperial 2 &amp; 3

**CP6** Classification II

Imperial 5 &amp; 7

7:00 p.m. - 9:00 p.m.

Welcome Reception and Poster Session I

Grand Foyer



## Key to abbreviations and symbols

<b>MT</b>	=	Tutorial
<b>IP</b>	=	Invited Plenary Speaker
<b>CP</b>	=	Contributed Presentation
	=	Business Meeting
	=	Poster Session
	=	Coffee Break
	=	Refreshments Served
	=	Continental Breakfast

## Friday, May 3

7:30 a.m. - 8:00 a.m.

Continental Breakfast  
*Grand Foyer*

7:30 a.m. - 4:00 p.m.

Registration  
*Grand Foyer*

8:00 a.m. - 8:15 a.m.

Announcements  
*Imperial 4, 6 & 8*

8:15 a.m. - 9:15 a.m.

**IP3** Trustworthy and Ethically Aligned AI  
 Francesca Rossi, IBM T.J. Watson Research Center,  
 U.S.  
*Imperial 4, 6 & 8*

9:15 a.m. - 9:45 a.m.

Coffee Break  
*Grand Foyer*

9:45 a.m. - 11:45 a.m.

**Concurrent Sessions**

**MT4** Nonconvex Optimization for Knowledge  
 Discovery and Data Mining  
*Imperial 1*

**CP7** Graphs  
*Imperial 2 & 3*

**CP8** Unsupervised Learning  
*Imperial 5 & 7*

11:45 a.m. - 1:15 p.m.

Lunch Break  
*Attendees on their own*

1:15 p.m. - 3:15 p.m.

**Concurrent Sessions**

**MT5** Graph Metric Spaces  
*Imperial 1*

**CP9** Learning (Misc.)  
*Imperial 2 & 3*

**CP10** Spatial/Temporal Data II  
*Imperial 5 & 7*

3:15 p.m. - 3:30 p.m.

Coffee Break  
*Grand Foyer*

3:30 p.m. - 4:30 p.m.

**MT5** Graph Metric Spaces, continued  
*Imperial 1*

## Friday, May 3

3:30 p.m. - 5:10 p.m.

**Concurrent Sessions**

**CP11** Deep Learning I  
*Imperial 2 & 3*

**CP12** Anomaly and Outlier Detection  
*Imperial 5 & 7*

5:10 p.m. - 6:30 p.m.

Dinner Break  
*Attendees on their own*

6:30 p.m. - 7:00 p.m.

Award Ceremony and SIAG/DMA  
 Business Meeting  
 Complimentary beer and wine will be served.  
*Imperial 4, 6 & 8*



7:00 p.m. - 9:00 p.m.

Doctoral Forum and Poster Session II  
*Grand Foyer*

## Saturday, May 4

7:30 a.m. - 8:00 a.m.

Continental Breakfast  
*Grand Foyer*

7:30 a.m. - 4:00 p.m.

Registration  
*Grand Foyer*

7:55 a.m. - 8:00 a.m.

Closing Remarks  
*Imperial 4, 6 & 8*

8:00 a.m. - 9:00 a.m.

**IP4** What Can Networks Do for Campaigns?  
 Laks V. S. Lakshmanan, University of British  
 Columbia, Canada  
*Imperial 4, 6 & 8*

9:00 a.m. - 9:30 a.m.

Coffee Break  
*Grand Foyer*

## Saturday, May 4

9:30 a.m. - 12:15 p.m.

**CP13** Deep Learning II  
*Imperial 9*

9:30 a.m. - 5:45 p.m.

**Concurrent Sessions**

**Workshop 2:** Deep Learning for Graph  
*Imperial 1*

**Workshop 3:** Evaluation and Experimental Design  
 in Data Mining and Machine Learning (EDML)  
*Imperial 2*

**Workshop 4:** FEND: Data Mining for Fake News  
 in Social Media: Propagation, Detection and  
 Mitigation  
*Imperial 3*

**Workshop 5:** Machine Learning Methods for  
 Recommender Systems  
*Imperial 5*

12:15 p.m. - 1:30 p.m.

Lunch Break  
*Attendees on their own*

1:30 p.m. - 3:30 p.m.

**CP14** Matrices and Tensors  
*Imperial 9*

3:15 p.m. - 3:45 p.m.

Coffee Break  
*Grand Foyer*

3:45 p.m. - 5:45 p.m.

**CP15** Human Behaviors and Factors  
*Imperial 9*

# Hyatt Regency Calgary

## Floor Plan

