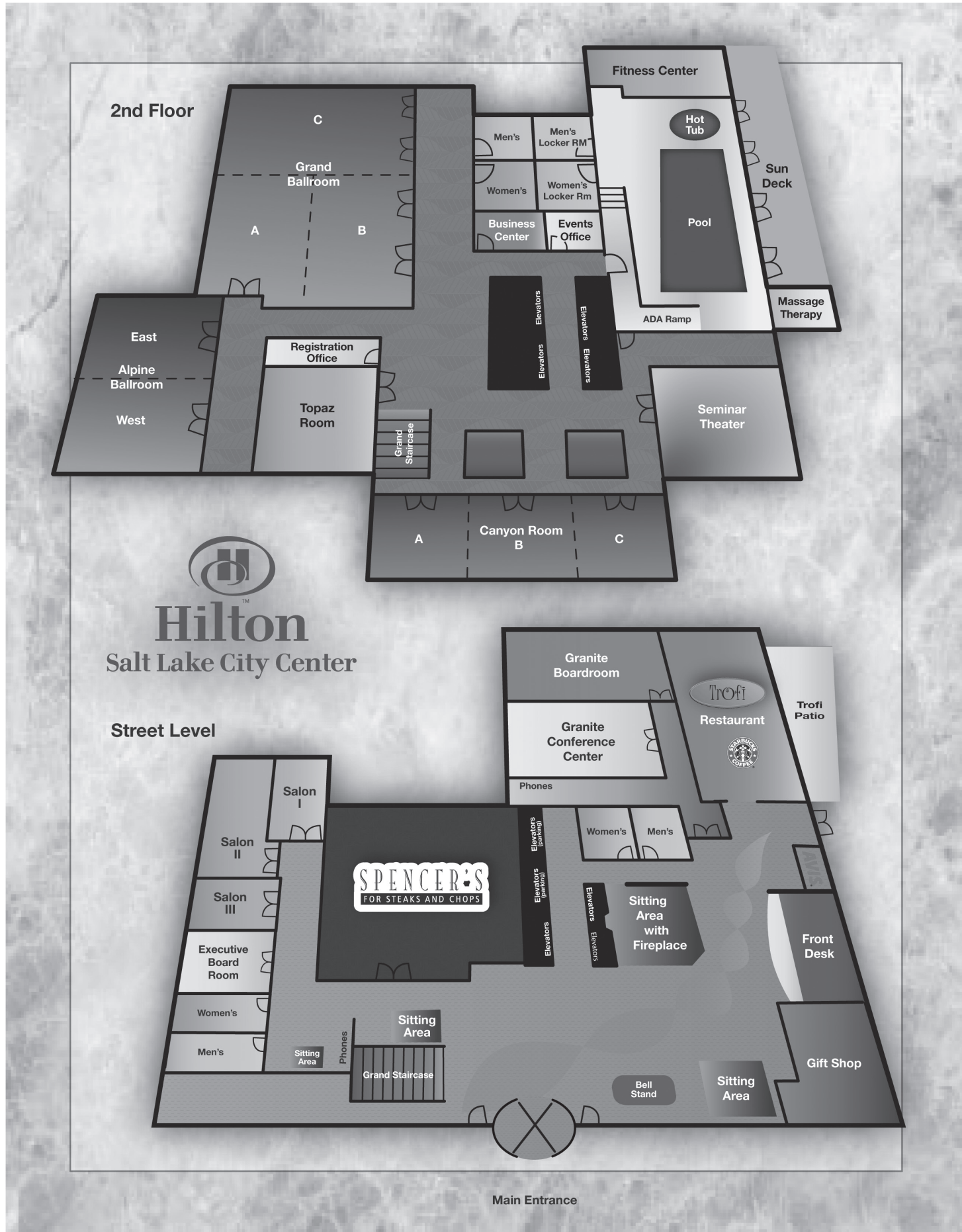


# Hilton Salt Lake City Center Floor Plans



# At-a-Glance Schedule



## ACM-SIAM Symposium on Discrete Algorithms

January 5-8, 2020 • Salt Lake City, Utah, U.S.

### Symposium on Algorithm Engineering and Experiments

January 5-6, 2020 • Salt Lake City, Utah, U.S.

### Symposium on Simplicity in Algorithms

January 6-7, 2020 • Salt Lake City, Utah, U.S.

### Symposium on Algorithmic Principles of Computer Systems

January 8, 2020 • Salt Lake City, Utah, U.S.

*The Theory Underlying Algorithms Workshop (TUNGA) will take place on January 8.*



#### SIAM Events Mobile App

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## Saturday, January 4

## Sunday, January 5

## Monday, January 6

5:00 p.m. - 8:00 p.m.

Registration  
Topaz

6:00 p.m. - 8:00 p.m.

Welcome Reception  
Grand Ballroom A&B

## Sunday, January 5

8:00 a.m. - 5:00 p.m.

Registration  
Topaz

8:30 a.m. - 9:00 a.m.

Continental Breakfast  
Grand Ballroom Foyer

9:00 a.m. - 11:05 a.m.

**Concurrent Sessions**  
CP1 ALENEX Session 1  
Canyon A&B  
CP2 SODA Session 1A  
Grand Ballroom C  
CP3 SODA Session 1B  
Alpine East  
CP4 SODA Session 1C  
Alpine West

11:05 a.m. - 11:30 a.m.

Coffee Break  
Grand Ballroom Foyer

11:30 a.m. - 12:30 p.m.

IP1 Algorithmic Questions in Machine Learning  
Sanjeev Arora, Princeton University, U.S.  
Grand Ballroom C

12:30 p.m. - 2:00 p.m.

Luncheon \*\*Ticketed Event\*\*  
Grand Ballroom A&B

2:00 p.m. - 4:05 p.m.

**Concurrent Sessions**  
CP5 ALENEX Session 2  
Canyon A&B  
CP6 SODA Session 2A  
Grand Ballroom C  
CP7 SODA Session 2B  
Alpine East  
CP8 SODA Session 2C  
Alpine West

4:05 p.m. - 4:30 p.m.

Coffee Break  
Grand Ballroom Foyer

4:30 p.m. - 6:35 p.m.

**Concurrent Sessions**  
CP9 ALENEX Session 3  
Canyon A&B  
CP10 SODA Session 3A  
Grand Ballroom C  
CP11 SODA Session 3B  
Alpine East  
CP12 SODA Session 3C  
Alpine West

6:35 p.m. - 6:45 p.m.

Intermission

6:45 p.m. - 7:45 p.m.

ALENEX Business Meeting  
Canyon A&B

## Monday, January 6

8:00 a.m. - 5:00 p.m.

Registration  
Topaz

8:30 a.m. - 9:00 a.m.

Continental Breakfast  
Grand Ballroom Foyer

9:00 a.m. - 11:05 a.m.

**Concurrent Sessions**  
CP13 ALENEX Session 4  
Canyon A&B  
CP14 SODA Session 4A  
Grand Ballroom C  
CP15 SODA Session 4B  
Alpine East  
CP16 SODA Session 4C  
Alpine West

11:05 a.m. - 11:30 a.m.

Coffee Break  
Grand Ballroom Foyer

11:30 a.m. - 12:30 p.m.

IP2 Dynamic Algorithms for Point Sets and Graphs  
Monika Henzinger, University of Vienna, Austria  
Grand Ballroom C

12:30 p.m. - 2:00 p.m.

Lunch Break  
Attendees on their own

2:00 p.m. - 4:05 p.m.

**Concurrent Sessions**  
CP17 SODA Session 1  
Canyon A&B  
CP18 SODA Session 5A  
Grand Ballroom C  
CP19 SODA Session 5B  
Alpine East  
CP20 SODA Session 5C  
Alpine West

4:05 p.m. - 4:30 p.m.

Coffee Break  
Grand Ballroom Foyer

4:30 p.m. - 6:35 p.m.

**Concurrent Sessions**  
CP21 SODA Session 2  
Canyon A&B  
CP22 SODA Session 6A  
Grand Ballroom C  
CP23 SODA Session 6B  
Alpine East  
CP24 SODA Session 6C  
Alpine West

6:35 p.m. - 6:45 p.m.

Intermission

6:45 p.m. - 7:45 p.m.

SODA Business Meeting & Awards  
Presentation, and SOSA Business  
Meeting  
Grand Ballroom C  
Complimentary beer and wine will be served.

## Tuesday, January 7

8:00 a.m. - 5:00 p.m.

Registration  
Topaz

8:30 a.m. - 9:00 a.m.

Continental Breakfast  
Grand Ballroom Foyer

9:00 a.m. - 11:05 a.m.

**Concurrent Sessions**  
CP25 SODA Session 3  
Canyon A&B  
CP26 SODA Session 7A  
Grand Ballroom C  
CP27 SODA Session 7B  
Alpine East  
CP28 SODA Session 7C  
Alpine West

## Tuesday, January 7

## Wednesday, January 8

11:05 a.m. - 11:30 a.m.

Coffee Break  
Grand Ballroom Foyer

11:30 a.m. - 12:30 p.m.

IP3 Computing Maximum Independent Set in  
Graph Classes  
Stéphan Thomassé, École Normale Supérieure de  
Lyon, France  
Grand Ballroom C

12:30 p.m. - 2:00 p.m.

Lunch Break  
Attendees on their own

2:00 p.m. - 4:05 p.m.

**Concurrent Sessions**  
CP29 SODA Session 8A  
Grand Ballroom C  
CP30 SODA Session 8B  
Alpine East  
CP31 SODA Session 8C  
Alpine West  
TUNGA Workshop (see <http://tunga.eu/> for details)  
Canyon A&B

4:05 p.m. - 4:30 p.m.

Coffee Break  
Grand Ballroom Foyer

4:30 p.m. - 6:35 p.m.

**Concurrent Sessions**  
CP32 SODA Session 9A  
Grand Ballroom C  
CP33 SODA Session 9B  
Alpine East  
CP34 SODA Session 9C  
Alpine West  
TUNGA Workshop (see <http://tunga.eu/> for details)  
Canyon A&B

6:35 p.m. - 6:45 p.m.

Intermission

6:45 p.m. - 7:45 p.m.

IP4 SIAG/ACDA Plenary Presentation - Models  
and Algorithms in Support of Modern Urban  
Mobility  
David B. Shmoys, Cornell University, U.S.  
Grand Ballroom C

8:00 a.m. - 5:00 p.m.

Registration  
Topaz

8:30 a.m. - 9:00 a.m.

Continental Breakfast  
Grand Ballroom Foyer

9:00 a.m. - 11:05 a.m.

**Concurrent Sessions**  
CP35 APOCS Session 1  
Canyon A&B  
CP36 SODA Session 10A  
Grand Ballroom C  
CP37 SODA Session 10B  
Alpine East  
CP38 SODA Session 10C  
Alpine West

11:05 a.m. - 11:30 a.m.

Coffee Break  
Grand Ballroom Foyer

11:30 a.m. - 12:30 p.m.

IP5 Phase Transitions in Random Constraint  
Satisfaction Problems  
Nike Sun, Massachusetts Institute of Technology,  
U.S.  
Grand Ballroom C

12:30 p.m. - 2:00 p.m.

Lunch Break  
Attendees on their own

2:00 p.m. - 4:05 p.m.





**Concurrent Sessions**  
CP39 APOCS Session 2  
Canyon A&B  
CP40 SODA Session 11A  
Grand Ballroom C  
CP41 SODA Session 11B  
Alpine East  
CP42 SODA Session 11C  
Alpine West

4:05 p.m. - 4:30 p.m.

Coffee Break  
Grand Ballroom Foyer

4:30 p.m. - 6:35 p.m.

**Concurrent Sessions**  
CP43 APOCS Session 3 and Business Meeting  
Canyon A&B  
CP44 SODA Session 12A  
Grand Ballroom C  
CP45 SODA Session 12B  
Alpine East  
CP46 SODA Session 12C  
Alpine WestKey to abbreviations  
and symbols

- IP = Invited Plenary Speaker  
 = Business Meeting  
 = Coffee Break  
 = Refreshments Served  
 = Continental Breakfast