

At-a-Glance Schedule



ACM-SIAM Symposium on Discrete Algorithms

January 7–10, 2024 · Alexandria, Virginia, US

Symposium on Algorithm Engineering and Experiments

January 7–8, 2024 · Alexandria, Virginia, US

Symposium on Simplicity in Algorithms

January 8–10, 2024 · Alexandria, Virginia, US

Online Program and Mobile App

Attendees are encouraged to visit

<https://www.siam.org/conferences/cm/program/program-and-abstracts/soda24-program-abstracts>
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The Mobile App and Online Program Schedule contain the most up-to-date information.
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Saturday, January 6**Sunday, January 7****Monday, January 8****5:00 p.m. – 8:00 p.m.**Registration
*Prefunction Space and Curie***6:00 p.m. – 8:00 p.m.**Welcome Reception
*Prefunction Space***Sunday, January 7****8:00 a.m. – 5:00 p.m.**Registration
*Prefunction Space and Curie*Exhibitor Hours
*Prefunction Space***8:30 a.m. – 9:00 a.m.**Continental Breakfast
*Prefunction Space***9:00 a.m. – 11:05 a.m.****Concurrent Sessions**
CP1 SODA Session 1A
*Edison D*CP2 SODA Session 1B
*Edison ABC*CP3 SODA Session 1C
*Edison EFG*CP41 ALENEX Session 1
*Wright***11:05 a.m. – 11:30 a.m.**Coffee Break
*Prefunction Space***11:30 a.m. – 12:30 p.m.**IP1 New Frontiers in Structure vs Randomness
with Applications to Combinatorics, Complexity,
Algorithms
Raghu Meka, University of California, Los Angeles,
U.S.
*Edison D***12:30 p.m. – 2:00 p.m.**Luncheon **Ticketed Event**
*Prefunction Space***2:00 p.m. – 3:40 p.m.**CP42 ALENEX Session 2
*Wright***2:00 p.m. – 4:05 p.m.****Concurrent Sessions**
CP4 SODA Session 2A
Edison D

CP5 SODA Session 2B

*Edison ABC*CP6 SODA Session 2C
*Edison EFG***4:05 p.m. – 4:30 p.m.**Coffee Break
*Prefunction Space***4:30 p.m. – 6:10 p.m.**CP43 ALENEX Session 3
*Wright***4:30 p.m. – 7:00 p.m.****Concurrent Sessions**
CP7 SODA Session 3A
*Edison D*CP8 SODA Session 3B
*Edison ABC*CP9 SODA Session 3C
*Edison EFG***6:15 p.m. – 7:15 p.m.**ALENEX Business Meeting
*Wright***Monday, January 8****8:00 a.m. – 5:00 p.m.**Registration
*Prefunction Space and Curie*Exhibitor Hours
*Prefunction Space***8:30 a.m. – 9:00 a.m.**Continental Breakfast
*Prefunction Space***9:00 a.m. – 10:40 a.m.**CP44 ALENEX Session 4
*Wright***9:00 a.m. – 11:05 a.m.****Concurrent Sessions**
CP10 SODA Session 4A
Edison D
CP11 SODA Session 4B
Edison ABC
CP12 SODA Session 4C
*Edison EFG***11:05 a.m. – 11:30 a.m.**Coffee Break
*Prefunction Space***11:30 a.m. – 12:30 p.m.**IP2 How to get from A to B?
János Pach, Rényi Institute of Mathematics,
Budapest
*Edison D***12:30 p.m. – 1:30 p.m.**

Lunch Break

1:30 p.m. – 2:00 p.m.CP37 Best Paper Presentation #1
*Edison D***2:00 p.m. – 4:05 p.m.****Concurrent Sessions**
CP13 SODA Session 5A
Edison D
CP14 SODA Session 5B
Edison ABC
CP15 SODA Session 5C
Edison EFG
CP45 SOSA Session 1
*Wright***4:05 p.m. – 4:30 p.m.**Coffee Break
*Prefunction Space***4:30 p.m. – 6:35 p.m.****Concurrent Sessions**
CP16 SODA Session 6A
Edison D
CP17 SODA Session 6B
Edison ABC
CP18 SODA Session 6C
*Edison EFG***4:30 p.m. – 7:00 p.m.**CP46 SOSA Session 2
*Wright***6:35 p.m. – 6:45 p.m.**

Intermission

6:45 p.m. – 7:45 p.m.SODA Business Meeting & Awards Presentation,
followed by SOSA Business Meeting
Complimentary beer and wine will be served.
Edison D

Tuesday, January 9

Tuesday, January 9

Wednesday, January 10

8:00 a.m. – 5:00 p.m.

Registration
Prefunction Space and Curie

Exhibitor Hours

Prefunction Space

8:30 a.m. – 9:00 a.m.

Continental Breakfast
Prefunction Space

9:00 a.m. – 11:05 a.m.

Concurrent Sessions**CP19** SODA Session 7A*Edison D***CP20** SODA Session 7B*Edison ABC***CP21** SODA Session 7C*Edison EFG***CP47** SOSA Session 3*Wright*

11:05 a.m. – 11:30 a.m.

Coffee Break
Prefunction Space

11:30 a.m. – 12:30 p.m.

IP3 Constructing and deConstructing Trust: A Cryptographers Perspective on the ML Pipeline
Shafi Goldwasser, Simons Institute and University of California, Berkeley, U.S.
Edison D

12:30 p.m. – 1:30 p.m.

Lunch Break

1:30 p.m. – 2:00 p.m.

CP38 Best Paper Presentation #2
Edison D

2:00 p.m. – 4:05 p.m.

Concurrent Sessions**CP22** SODA Session 8A*Edison D***CP23** SODA Session 8B*Edison ABC***CP24** SODA Session 8C*Edison EFG***CP48** SOSA Session 4*Wright*

4:05 p.m. – 4:30 p.m.

Coffee Break
Prefunction Space

4:30 p.m. – 7:00 p.m.

Concurrent Sessions**CP25** SODA Session 9A*Edison D***CP26** SODA Session 9B*Edison ABC***CP27** SODA Session 9C*Edison EFG***CP49** SOSA Session 5*Wright*

Wednesday, January 10

8:00 a.m. – 12:00 p.m.

Exhibitor Hours
Prefunction Space

8:00 a.m. – 5:15 p.m.

Registration
Prefunction Space and Curie

8:30 a.m. – 9:00 a.m.

Continental Breakfast
Prefunction Space

9:00 a.m. – 11:05 a.m.

Concurrent Sessions**CP28** SODA Session 10A*Edison D***CP29** SODA Session 10B*Edison ABC***CP30** SODA Session 10C*Edison EFG***CP50** SOSA Session 6*Wright*

11:05 a.m. – 11:30 a.m.

Coffee Break
Prefunction Space

11:30 – 12:30 p.m.

IP4 Markov Chains for Collective Behaviors
Dana Randall, Georgia Institute of Technology, U.S.
Edison D

12:30 p.m. – 1:30 p.m.

Lunch Break

1:30 p.m. – 2:00 p.m.

CP39 Best Student Paper Presentation #1
Edison D

2:00 p.m. – 4:05 p.m.

Concurrent Sessions**CP31** SODA Session 11A*Edison D***CP32** SODA Session 11B*Edison ABC***CP33** SODA Session 11C*Edison EFG***CP51** SOSA Session 7*Wright*

4:05 p.m. – 4:30 p.m.

Coffee Break
Prefunction Space

4:30 p.m. – 5:00 p.m.

CP40 Best Student Paper Presentation #2
Edison D

5:00 p.m. – 7:05 p.m.

Concurrent Sessions**CP34** SODA Session 12A*Edison D***CP35** SODA Session 12B*Edison ABC***CP36** SODA Session 12C*Edison EFG***Abbreviation Key***IP = Invited Plenary Speaker**CP = Paper Presentations***Don't miss visiting our Tabletop Exhibitor!****Cambridge University Press**Cambridge University Press, a not-for-profit publisher, is part of the University of Cambridge. Stop by to browse texts by Harchol-Balter, Roughgarden, and Liben-Nowell; *Algorithmic High-Dimensional Robust Statistics* by Diakonikolas and Kane; optimization books by Wright/Recht, Ryu/Yin, and Boumal; the new edition of Stanley's *Enumerative Combinatorics, Vol. 2*; and more.

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