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Conference Program (tentative)

Tuesday, July 9

6:00-7:00pm [Reception](#)

Wednesday, July 10

8:30am **Coffee & Tea**

9:00am **Complexity in an Era of Data-Driven Computing**

Lance Fortnow (Illinois Institute of Technology)

[Abstract](#)

10:00am **The Minimum Circuit Size Problem through the Ages**

Eric Allender (Rutgers University)

[Abstract](#)

11:00am **Pseudorandom Generators**

Oded Goldreich (Weizmann Institute)

[Abstract](#)

12:00pm **Lunch break**

1:30pm **Connections Between Pseudorandomness and an Area of CS that Cannot be Mentioned Here**

Russell Impagliazzo (UC San Diego)

[Abstract](#)

2:30pm **Levin Complexity and Pseudodeterministic Constructions of Primes**

Igor Carboni Oliveira (Warwick University)

[Abstract](#)

3:30pm **Coffee & Tea**

4:00pm Set Theory in the Foundation of Math; Internal Classes, External Sets

Leonid Levin (Boston University)

[Abstract](#)

5:00pm Thoughts on Kolmogorov's and Levin's Works

Alexei Semenov (Moscow State University)

[Abstract](#)

6:30pm **Banquet**

Thursday, July 11

8:30am **Coffee & Tea**

9:00am Universality in Communication

Madhu Sudan (Harvard University)

[Abstract](#)

10:00am The Continuous Degrees and Neutral Measures

Joseph Miller (University of Wisconsin)

[Abstract](#)

11:00am Differential Geometry and Complexity of Robust Optimization of Smooth Functions

Ramarathnam Venkatesan (Microsoft)

[Abstract](#)

12:00pm **Lunch break**

1:30pm From Transparent Proof to Transparent Compute

Jason Teutsch (TrueBit)

[Abstract](#)

2:30pm Rethinking Security: Access Control Without Built-in Central Points of Failure

Gene Itkis (MIT Lincoln Laboratory)

[Abstract](#)

3:30pm **Coffee & Tea**

4:00pm Logic and generative AI

Yuri Gurevich (University of Michigan)

5:00pm Use AI to Assist In-Depth Reading of Computational Complexity Theory Papers

Jie Wang (University of Massachusetts, Lowell)

Abstract

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