## Strings 2017 Schedule

<table>
<thead>
<tr>
<th>From 07:30</th>
<th>Registration</th>
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<tbody>
<tr>
<td>08:50-09:00</td>
<td>Opening</td>
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<tr>
<td><strong>Chairperson</strong></td>
<td>Lüst</td>
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<tr>
<td>09:00-09:30</td>
<td>Stanford</td>
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<tr>
<td>09:30-10:00</td>
<td>Maldacena</td>
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<td>10:00-10:30</td>
<td>Coffee Break</td>
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<tr>
<td><strong>Chairperson</strong></td>
<td>Hubeny</td>
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<tr>
<td>11:00-11:30</td>
<td>Shenker</td>
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<td>11:30-12:00</td>
<td>Takayanagi</td>
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<tr>
<td>12:00-12:30</td>
<td>Jafferis</td>
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<td>12:30-14:00</td>
<td>Lunch</td>
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<tr>
<td><strong>Chairperson</strong></td>
<td>Kiritsis</td>
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<tr>
<td>14:00-14:30</td>
<td>Seiberg</td>
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<td>14:30-15:00</td>
<td>Son</td>
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<td>15:00-15:30</td>
<td>Tachikawa</td>
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<td>15:30-16:00</td>
<td>Coffee Break</td>
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<tr>
<td><strong>Chairperson</strong></td>
<td>Razamat</td>
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<tr>
<td>16:00-16:30</td>
<td>Warner</td>
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<td>16:30-17:00</td>
<td>Brown</td>
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<td>17:00-17:30</td>
<td>Gong Show</td>
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<td>17:30-19:00</td>
<td>Poster Session</td>
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<td>19:00</td>
<td>Reception (Pool Area)</td>
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<td>19:30</td>
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(* Special AdS/CFT Session) The special session celebrating 20 years of the AdS/CFT correspondence will contain presentations by Gross, Herzog, Klebanov, Maldacena, Ooguri and Witten.

The special session on gender and diversity issues will be introduced by Andrew Strominger and presented by Marika Taylor.

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**Sunday, June 25 (Pre-Conference)**

18:00-20:00 | Registration (Hotel lobby near the Hotel’s Reception)

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**Saturday, July 1 (Post-Conference)**

All day | Optional sightseeing tours
Monday, June 26, 2017

From 07:30 Registration (Floor H – Convention Center)
08:50-09:00 OPENING OF THE CONFERENCE
Yaron Oz, Tel Aviv University
David Gross, University of California Santa Barbara, USA

Chairperson: Dieter Lüst, MPI for Physics, Germany

09:00-10:00 What’s up with the SYK Model?
Douglas Stanford, IAS, Princeton, USA
10:00-10:30 Diving into Traversable Wormholes
Juan Maldacena, IAS, Princeton, USA
10:30-11:00 Coffee Break

Chairperson: Veronika Hubeny, UC Davis, USA

11:00-11:30 Black Holes and Random Matrices
Stephen Shenker, Stanford University, USA
11:30-12:00 AdS from Optimization of Path-Integrals in CFTs
Tadashi Takayanagi, YITP, Kyoto University, Japan
12:00-12:30 Bulk Reconstruction and the Hartle-Hawking Wavefunction
Daniel Jafferis, Harvard University, USA
12:30-14:00 Lunch

Chairperson: Elias Kiritsis, APC, Paris and University of Crete, Greece

14:00-14:30 New Phases of QCD3 and QCD4
Nathan Seiberg, IAS, Princeton, USA
14:30-15:00 Fractional Quantum Hall Effect and Duality
Dam Thanh Son, University of Chicago, USA
15:00-15:30 Time-reversal Anomalies of 2+1d Topological Phases
Yuji Tachikawa, IPMU, Tokyo University, Japan

15:30-16:00 Coffee Break

Chairperson: Shlomo Razamat, Technion-Israel Institute of Technology, Israel

16:00-16:30 Microstate Geometries Deep Inside the Black-Hole Regime
Nicholas Warner, USC, Los Angeles, USA
16:30-17:30  **GONG SHOW**

- Vertex Algebras at the Corner  
  *Miroslav Rapcak*, Perimeter Institute, Canada
- Entanglement in Gauge Theories  
  *Ronak Soni*, Tata Institute, India
- Unexpected Low Energy Spectral Weight in Holographic Theories  
  *Victoria Martin*, Stanford University, USA
- New N=2 vortex-strings and their Worldsheets Theories  
  *Avner Karasik*, Weizmann Institute of Science, Israel
- Euler Characteristics of Crepant Resolutions of Weierstrass Models  
  *Monica Kang*, Harvard University, USA
- The a Theorem and the Markov Property of the Vacuum  
  *Eduardo Teste Lino*, Centro Atomico Bariloche, Argentina
- Symmetries of Feynman Integrals  
  *Ruth Shir*, The Hebrew University of Jerusalem, Israel
- Punctures for Theories of Class S_{[ADE]}  
  *Thomas Rudelius*, Harvard University, USA
- Schwinger-Keldysh effective field theories  
  *Natalia Pinzani Fokeeva*, Technion-Israel Institute of Technology, Israel
- Constraints on Axion Monodromy from the Refined Swampland Conjecture  
  *Irene Valenzuela*, MPI Munich, Germany
- Ungauging finite non-abelian gauge groups in 2d  
  *Lakshya Bhardwaj*, Perimeter Institute, Canada
- Bootstrapping 3d Fermions  
  *Luca Iliesiu*, Princeton University, USA

17:30-19:00  **POSTER SESSION**  
(view list of posters on the website)

19:00-21:00  **Reception**  
– ticket required (Pool area – floor L)
Tuesday, June 27, 2017

Chairperson: Spenta Wadia, ICTS-TIFR, India

09:00-10:00 The Analytic Conformal Bootstrap
Luis Fernando Alday, Oxford University, UK

10:00-10:30 How to Succeed at Holographic Correlators without Really Trying
Leonardo Rastelli, YITP, Stony Brook University, USA

10:30-11:00 Coffee Break

Chairperson: Yolanda Lozano, University of Oviedo, Spain

11:00-11:30 Bulk Causality from the Conformal Bootstrap
Simon Caron-Huot, McGill University, Canada

11:30-12:00 AdS_3/CFT_2 and the Information Paradox
Jared Kaplan, Johns Hopkins University, USA

12:00-12:30 Genus Two Modular Bootstrap
Xi Yin, Harvard University, USA

12:30-14:00 Lunch

Chairperson: Anton Kapustin, California Institute of Technology, USA

14:00-15:00 General Aspects of Renormalization Group Flows in Diverse Dimensions
Thomas Dumitrescu, Harvard University, USA

15:00-15:30 New N=4 Theories in Four Dimensions
Inaki Garcia-Etxebarria, MPI Munich, Germany

15:30-16:00 Coffee Break

Chairperson: Eliezer Rabinovici, The Hebrew University of Jerusalem, Israel

16:00-16:30 Progress on Moonshine
Miranda Cheng, Amsterdam University, Netherlands

16:30-17:00 Complexity and Geometry
Adam Brown, Stanford University, USA

17:00-17:30 Holographic Complexity
Robert Myers, Perimeter Institute, Canada
**Wednesday, June 28, 2017**

*Chairperson:* **Johanna Erdmenger, Wuerzburg University, Germany**

09:00-10:00  Incoherent Transport and Black Holes  
**Aristomenis Donos,** Durham University, UK

10:00-10:30  Out of Equilibrium, Out of Time Order  
**R. Loganayagam,** ICTS-TIFR, Bangalore, India

10:30-11:00  *Coffee Break*

*Chairperson:* **Mukund Rangamani, UC Davis, USA**

11:00-11:30  Flows, Fixed Points and Duality in Matter Chern Simons Theories  
**Shiraz Minwalla,** TIFR, Mumbai, India

11:30-12:00  Anomalous Transport from Anti de-Sitter Space to Weyl Semimetals  
**Karl Landsteiner,** Universidad Autonoma de Madrid, Spain

12:00-12:30  Emergent Entropy  
**Hong Liu,** MIT, USA

12:30-14:00  *Lunch*

*Chairperson:* **Jan Louis, Hamburg University, Germany**

14:00-15:00  Advances in 5d/6d QFTs  
**Seok Kim,** Seoul National University, South Korea

15:00-15:30  F-theory and AdS\_3/CFT\_2  
**Sakura Schafer-Nameki,** Oxford University, UK

15:30-16:00  *Coffee Break*

*Chairperson:* **Silvia Penati, University of Milano-Bicocca, Italy**

16:00-16:30  Disk Amplitudes and the Magnificent Three  
**Sergei Gukov,** Caltech, USA

16:30-17:00  Infrared Divergences in QED and Quantum Gravity  
**Andrew Strominger,** Harvard University, USA

17:00-17:30  **Gender and Diversity Issues**  
*Introduction:*  
**Andrew Strominger,** Harvard University, USA

*Presentation:*  
**Marika Taylor,** Southampton University, UK
Social Activities

17:30-
20:00 Old Jaffa Walking Tour
*Departure: from the conference coffee area*

17:30-
20:00 Segway Tour: Tel Aviv Promenade towards Jaffa Port
(Ticket required)
*Departure: from the Hotel’s Reception (floor L)*

17:30-
20:00 Folk Dances
*Departure: from the Hotel’s Reception (floor L)*

18:00-
22:00 Symposium on “Is the two-state solution still viable? If yes, what can help make it happen, if no, what is the alternative?”
At the School for Peace Neve Shalom/Wahat Al Salam.
(Ticket required)
*Departure: from the Hotel’s Reception (floor L)*
## Thursday, June 29, 2017

**Chairperson:** *Kimyeong Lee, Korea Institute for Advanced Study, South Korea*

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>09:00-10:00</td>
<td>Recent progress from amplitudes</td>
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<td><strong>John Joseph Carrasco,</strong> IPhT, Saclay, France</td>
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<tr>
<td>10:00-10:30</td>
<td>Amplitudes and Correlators as Canonical Forms; Worldsheets as Positive Geometries</td>
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<td><strong>Nima Arkani-Hamed,</strong> IAS, Princeton, USA</td>
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<td>10:30-11:00</td>
<td><em>Coffee Break</em></td>
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**Chairperson:** *Matthias Gaberdiel, ETH Zurich, Switzerland*

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<th>Time</th>
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<tr>
<td>11:00-11:30</td>
<td>S-matrix Bootstrap Revisited</td>
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<td><strong>Joao Penedones,</strong> EPFL, Lausanne, Switzerland</td>
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<tr>
<td>11:30-12:00</td>
<td>Universal Correction to the Veneziano Amplitude</td>
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<td><strong>Alexander Zhiboedov,</strong> Harvard University, USA</td>
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<td>12:00-12:30</td>
<td>Ambitwistor Strings beyond Tree-level</td>
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<td><strong>Yvonne Geyer,</strong> IAS, Princeton, USA</td>
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<td>12:30-14:00</td>
<td><em>Lunch</em></td>
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**Chairperson:** *Stefan Vandoren, Utrecht University, Netherlands*

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<th>Time</th>
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<tr>
<td>14:00-15:00</td>
<td>Divide and Conquer. An Integrability Status Report</td>
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<td><strong>Pedro Vieira,</strong> Perimeter Institute, Canada</td>
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<tr>
<td>15:00-15:30</td>
<td>QCD Strings and Jackiw-Teitelboim Gravity</td>
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<td><strong>Sergei Dubovsky,</strong> New York University, USA</td>
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<td>15:30-16:00</td>
<td><em>Coffee Break</em></td>
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**Chairperson:** *Arkady Tseytlin, Imperial College, UK*

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>16:00-16:30</td>
<td>Green-Schwarz Superstring on a Lattice</td>
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<td><strong>Valentina Forini,</strong> Humboldt University, Germany</td>
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<td>16:30-17:00</td>
<td>Breakdown of String Perturbation Theory and Implications for Locality in Gravity</td>
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<td><strong>Suvrat Raju,</strong> ICTS-TIFR, Bangalore, India</td>
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<tr>
<td>17:00-17:30</td>
<td>Soft Graviton Theorem in Generic Quantum Theory of Gravity</td>
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<td><strong>Ashoke Sen,</strong> Harish-Chandra Research Inst., India</td>
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**19:30-22:30** *Conference Banquet at PORT 15 – Old Jaffa*

15, Hatzorfilm Street, Old Jaffa

**Departure:** at 19:00 from two locations:

- *Dan Panorama Hotel’s* Reception (floor L)
- *Metropolitan Hotel* (11 Trumpeldor Street)

for participants staying at the Metropolitan, Arcadia Tower, Mercure, Maxim & Deborah hotels.

Participants not staying in one of the above conference hotels, may join the transportation at any location most convenient for them.
Friday, June 30, 2017

Chairperson: **Marc Henneaux, Universite’ Libre de Bruxelles, Belgium**

09:00-09:30 The Apparent Horizon in AdS/CFT: Coarse Graining Entanglement
  
  **Netta Engelhardt,** Princeton University, USA

09:30-10:00 A Solvable Irrelevant Deformation of AdS_3/CFT_2
  
  **David Kutasov,** University of Chicago, USA

10:00-10:30 Holographic Duals for 5d SCFTs
  
  **Christoph Uhlemann,** UCLA, USA

10:30-11:00 Coffee Break

11:00-12:30 SPECIAL SESSION CELEBRATING 20 YEARS OF THE AdS/CFT CORRESPONDENCE

Chairperson: **David Gross, University of California, Santa Barbara, USA**

- **Juan Maldacena,** IAS, Princeton, USA
- **Igor Klebanov,** Princeton University, USA
- **Edward Witten,** IAS, Princeton, USA
- **Christopher Herzog,** YITP, Stony Brook University, USA
  (Applied AdS/CFT)
- **Hirosi Ooguri,** Caltech, USA and IPMU, Japan
  (AdS/CFT in your everyday life)
- **David Gross,** UC Santa Barbara, USA

12:30-14:00 Lunch

13:30-19:00 Optional Half-day Tour to Jerusalem
  
  *Departure: 13:30 from the Dan Panorama Reception*

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Conference Secretariat

Diesenhaus-Unitours Incoming Tourism Ltd.

Conventions Department

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