

## 2018 Theory Fest: Call for Plenary Talk Suggestions

STOC 2018 will be part of an expanded 50<sup>th</sup> anniversary celebration and **Theory Fest** (<http://acm-stoc.org/stoc2018/>) that will also highlight some of the best theoretical work in the past two years from other conferences or journals. (A non-exhaustive list of sample venues is ICALP, SODA, CRYPTO, LICS, PODS, PODC, QIP, SPAA, KDD, CCC, SIGMETRICS, Transaction on IT, WWW, ICML/NIPS, Science/Nature, etc.) Invited papers from these venues will be presented in short (20-30 minute) plenary presentations at Theory Fest.

We seek suggestions of theoretical papers that have made breakthrough advances, opened up new questions or areas, made unexpected connections, or had significant impact on practice or other sciences. Anyone is welcome to contact us, but we especially invite members of PCs or editorial boards in various venues to send us suggestions.

If you can think of any recent result that satisfies these criteria, or have any related questions, please email [theoryfest18highlights@boazbarak.org](mailto:theoryfest18highlights@boazbarak.org). Suggestions for presentations should include the following information:

1. Name of the paper and authors.
2. Publication venue (conference / journal). Preference will be given to papers that appeared no earlier than January 1<sup>st</sup>, 2016.
3. Short (1-3 paragraph) explanation of the paper and its importance.
4. (Optional) Names of 1-3 knowledgeable experts on the area of this paper.

To ensure maximum consideration, please send us all these suggestions by **December 3, 2017**. Self-nominations are discouraged.

Thank you,

Theory Fest 2018 short plenaries committee:

Dorit Aharonov (Hebrew University)

Maria-Florina Balcan (CMU)

Boaz Barak (Harvard University, co chair)

Paul Beame (University of Washington)

Martin Grohe (RWTH Aachen)

Piotr Indyk (MIT)

Friedhelm Meyer auf der Heide (University of Paderborn)

Eva Tardos (Cornell)

Suresh Venkatasubramanian (University of Utah, co chair)