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EATCS DISTINGUISHED DISSERTATION  
AWARD FOR 2022

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EATCS is proud to announce that, after examining the nominations received from our research community, the EATCS Distinguished Dissertation Award Committee 2022, consisting of Susanne Albers, Nikhil Bansal (chair), Elvira Mayordomo, Jaroslav Nešetřil, Damian Niwiński, Vladimiro Sassone, Alexandra Silva and David Woodruff, has selected the following three theses as recipients of the EATCS Distinguished Dissertation Award for 2022:

Kuikui Liu: "Spectral Independence: A New Tool to Analyze Markov Chains" (University of Washington; supervisor: Shayan Oveis Gharan).

Alex Lombardi: "Provable Instantiations of Correlation Intractability and the Fiat-Shamir Heuristic" (Electrical Engineering and Computer Science (EECS) at MIT; supervisor: Vinod Vaikuntanathan)

Lijie Chen: "Better Hardness via Algorithms, and New Forms of Hardness versus Randomness" (MIT Department of Electrical Engineering and Computer Science; supervisor: Ryan Williams)

The award certificate will be presented to in the award ceremony of ICALP 2023, to take place in Paderborn, Germany, in July 10-14, 2023.

The EATCS Distinguished Dissertation Award Committee 2022 consisted of

- Susanne Albers
- Nikhil Bansal (chair)
- Elvira Mayordomo
- Jaroslav Nešetřil
- Damian Niwiński
- Vladimiro Sassone
- Alexandra Silva
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The EATCS Distinguished Dissertation Award has been established to promote and recognize outstanding dissertations in the field of Theoretical Computer Science. Any PhD dissertation in the field of Theoretical Computer Science successfully defended in 2022 has been eligible. The dissertations were evaluated on the basis of originality and potential impact on their respective fields and on Theoretical Computer Science. Each of the selected dissertations will receive a prize of 1000 Euro. The award receiving dissertations will be published on the EATCS web site, where all the EATCS Distinguished Dissertations will be collected.

The list of the previous recipients of the EATCS Distinguished Dissertation Award is available at <https://eatcs.org/index.php/dissertation-award>.