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	Expand all C	<u>ollapse all</u>
Congratulations to Shuvomoy Das Gupta on winning the 2024 ICS Student Paper Award, as well as to the runner-ups Jie Wang and Jiachang Liu ${\rm Fo}$		
1. Congratulations to Shuvom and Jiachang Liu	toy Das Gupta on winning the 2024 ICS Student Paper Award, as well as to the runner-ups Jie Wang	0 Like
well as to the runner 1. Congratulations to Shuvor and Jiachang Liu Thiago Serra	 -ups Jie Wang and Jiachang Liu wy Das Gupta on winning the 2024 ICS Student Paper Award, as well as to the runner-ups Jie Wang Posted 2 hours ago Dear colleagues, The winner of the 2024 ICS Student Paper Award is Shuvomoy Das Gupta (MIT). You can find below the committee citation about the paper by Das Gupta and co-authors: Winner: "Branch-and-Bound Performance Estimation Programming: A Unified Methodology for Con Optimal Optimization Methods" by Shuvomoy Das Gupta, Bart P.G. Van Parys, and Ernest K. Ryu The authors propose a methodology to design first-order methods for convex and nonconvex optimizat problems, which provides an optimality guarantee in the sense that the resulting first-order method is in the fastest first-order method for the problem at hand. Moreover, the proposed design mechanism is thoroughly and elegantly explained, and the computational results are compelling and showcase the po groundbreaking impact of the proposed approach. The committee was very impressed by this work and decision to award it the first prize was unanimous. The award committee also identified two runner-ups for the Award: Jie Wang (Georgia Tech) and Jiael (Duke University). You can find below the citation for each of their papers: Runner-up: "Variable Selection problem for two-sample tests and proposes mixed-integer programming formulations as well as approximation algorithms with performance guarantees. The aut masterfully present their contributions both from the optimization and statistical fields and report improgramming from a character propose a very creative fast lower bounding procedure based on a reformulation of the original problem as a saddle point optimization problem. The computational results. Runner-up: "OKRidge: Scalable Optimal k-Sparse Ridge Regression" by Jiachang Liu, Chudi Zhong, Rosen, and Cynthia Rudin The authors study a challenging quadratic optimization problem with indicators that has multiple a	0 Like Reply • ne award • structing • ion • provably • tential • the • nang Liu Xie hors • ications • its show • irom a • ahoma •
	Please join me at the ICS business meeting during the INFORMS 2024 Annual Meeting in Seattle on M October 21, to recognize the work done by our colleagues as part of their PhD and to thank the award committee.	onday,

Thiago Serra Assistant Professor of Business Analytics, University of Iowa INFORMS Computing Society Chair (2024-2025)





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