

List of Publications

All publications are sorted by publication year.

Conference Papers

6. [Algorithmic Fairness Verification with Graphical Models](#)
Bishwamittra Ghosh, Debabrota Basu, Kuldeep S. Meel
Proceedings of AAAI, 2022
5. [Justicia: A Stochastic SAT Approach to Formally Verify Fairness](#)
Bishwamittra Ghosh, Debabrota Basu, Kuldeep S. Meel
Proceedings of AAAI, 2021
4. [A MaxSAT-based Framework for Group Testing](#)
Lorenzo Ciampiconi, **Bishwamittra Ghosh**, Jonathan Scarlett, Kuldeep S. Meel
Proceedings of AAAI, 2020
3. [Classification Rules in Relaxed Logical Form](#)
Bishwamittra Ghosh, Dmitry Malioutov, Kuldeep S. Meel
Proceedings of ECAI, 2020
2. [IMLI: An Incremental Framework for MaxSAT-Based Learning of Interpretable Classification Rules](#)
Bishwamittra Ghosh, Kuldeep S. Meel
Proceedings of AIES, 2019
1. [The Flexible Socio Spatial Group Queries](#)
Bishwamittra Ghosh, Mohammed Eunus Ali, Farhana M. Choudhury, Sajid Hasan Apon, Timos Sellis, Jianxin Li
Proceedings of the VLDB Endowment (PVLDB), 2018

Journal Papers

2. [Efficient Learning of Interpretable Classification Rules](#)
Bishwamittra Ghosh, Dmitry Malioutov, Kuldeep S. Meel
Proceedings of JAIR, 2022
1. [Social-Spatial Group Queries with Keywords](#)
Sajid Hasan Apon, Mohammed Eunus Ali, **Bishwamittra Ghosh**, Timos Sellis
ACM Transactions on Spatial Algorithms and Systems (TSAS), 2021