

Formal Privacy: Making an Impact at Large Organizations

Topic Contributed Session sponsored by the ASA Privacy & Confidentiality Committee

JSM 2019, Denver, CO

Wed, July 31st, 2019 10:20 am – 12:20 pm

Panelists:



[Simson Garfinkel](#)
US Census Bureau



[Ilya Mironov](#)
Google/Facebook



[Juan Lavista Ferres](#)
Microsoft



[Shiva Kasiviswanathan](#)
Amazon

Organizer: [Lars Vilhuber](#), Cornell University

Chair: [Aleksandra \(Sesa\) Slavkovic](#) (sesa@psu.edu), Penn State University

Key Questions

- With heightened disclosure risks, current statistical disclosure methods are insufficient for data protection
- Formal privacy guarantees - provable privacy guarantees that hold regardless of assumed knowledge and attack strategy of a malicious user - are becoming increasingly important for large producers of statistics

- How is differential privacy (DP) implemented in your organization?
- What are the key challenges?
- How do you evaluate data quality – privacy — access tradeoffs?
- Is DP accepted within your organization?
- Is DP accepted by your clients/stakeholders?
- What are the next steps?