**ABSTRACT**

CFEM & CTIC workshop:
Theory and Practice of Secure Multiparty Computation
May 30 to June 3, 2016
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# Title: Sharemind - practical privacy-preserving analytics

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In the last 10 years, the Sharemind secure computation platform has grown from a research prototype to a mature and sophisticated ecosystem for privacy-preserving applications. Today, Sharemind performs large-scale statistical analysis on government registries with tens of millions of records with ease. Our recent experiments in the public cloud also show capability of running fraud analysis on a 100 million tax records in a multi-continent deployment with the cost of a few hundred dollars.

In this talk, we give an overview of Sharemind's current capabilities and discuss experiences in building our largest applications so far.