ABSTRACT

CFEM & CTIC workshop:
Theory and Practice of Secure Multiparty Computation
May 30 to June 3, 2016
Aarhus University, Denmark

Title: Secure Stable and Perfect Matchings

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I'll finish (and extend) the talk I gave at the last workshop in 2014 concerning Stable Matchings. We can now securely compute on instances the size of the 2016 residency match in 1 day. The insight was to exploit an algorithmic property of matchings and design a new secure computation data structure.