Bocconi

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12:00 PM

Bocconi University
Room 3-E4-SR03
Via Röntgen 1, Milano (3° floor)

Secure Computing on Encrypted Data: Challenges and Advances

Speaker

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Abstract

Privacy is a fundamental concern, yet users frequently trade personal data for the convenience of services like search engines, cloud platforms, and wearable health tech. secure computing offers a powerful alternative: enabling computation on encrypted data without exposing the underlying information. In this talk, I will provide a brief introduction to secure computing using homomorphic encryption (HE), discuss barriers to its adoption, and share recent results from my research that advance the practical deployment of HE in real-world applications.

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