

The University of Alabama
Department of Computer Science
Colloquium Series Speaker

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Computer User Authentication Based on Typing Style
or
How to make money in your spare time

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Abstract:

User authentication is typically based on three types of attributes: what you have, what you know, or what you are. Authentication schemes based only on what you know (passwords) are vulnerable to a variety of attacks. Authentication by what you are seems much more secure, but usually involves special equipment such as fingerprint readers.

This research describes authentication by analysis of typing style. This approach bypasses the need for special equipment, and has implications for additional layers of security in typical computer systems.