Summary Report of Computer Science Graduate Seminar Presentations

Kaiqun Fu

***Abstract*—This report summarizes three presentations of the Computer Science Graduate Seminars series. The topics covered include Computer Security, Network Security, Online Privacy, Machine Learning and Data Management.**

***Index Terms*— Computer Security, Network Security, Online Privacy, Machine Learning and Data Management.**

I. Introduction

THIS report summarizes one seminar question. The following table lists the topic and information about the speaker for each seminar.

	Title	Speaker	Affiliation
1	Scalable and Interactive Data Analytics	Prof. Chandan Reddy	Dept. of Computer Science Wayne State U.
2	Algorithms for Minimum-Gap Scheduling	Prof. Fei Li	Dept. of Computer Science George Mason U.
3	Multi-client Verifiable Computation with Stronger Security Guarantees	Dr. Feng-Hao Liu	Dept. of Computer Science University of Maryland
4	Teleconnecting Consumption to Environmental Change at Multiple Spatial Scales	Prof. Kuishuang Feng	Dept. of Geographical Sciences U. of Maryland

II. QUESTION DISCUSSION

Question (to Prof. Dr. Feng-Hao Liu): In your talk, you mentioned that there are public keys, private keys and some functions involved in the encryption process, is the security of this method depend on the public or private keys or the functions, in other words, is the solution to the provide function very hard to solve?

Answer: The functions provide the identity of each user, so the function doesn't have to be a hard problem to solve. The id here is binary.

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References

[1] Wang, Sida, and Christopher D. Manning. "Baselines and bigrams: Simple, good sentiment and topic classification." Proceedings of the 50th Annual Meeting of the Association for Computational Linguistics: Short Papers-Volume 2. Association for Computational Linguistics, 2012.W.-K. Chen, *Linear Networks and Systems* (Book style). Belmont, CA: Wadsworth, 1993, pp. 123–135.