Stanford | SCPKU Stanford Center at Peking University

PUBLIC LECTURE

Information Theory and Statistical Signal Processing

信息论与统计信号处理

Speaker **Tsachy Weissman**

Professor of Electrical Engineering, Stanford University

斯坦福大学电机工程教授

Date 日期 July 13, 2015

Time 时间 19:00 – 20:30 **CHANGED**

Venue 地点 Stanford Center at Peking University

北京大学斯坦福中心

Tsachy Weissman is Professor of Electrical Engineering at Stanford University since 2003. His research focuses on information theory and statistical signal processing, the interplay between them, and their applications. He is the recipient of the NSF CAREER award and several best paper awards. His other honors include the Horev fellowship for Leaders in Science and Technology, Henry Taub prize for excellence in research, incumbent of the STMicroelectronics Chair in the School of Engineering, and IEEE Fellow. Prof. Weissman served on the editorial boards of the IEEE Transactions on Information Theory, and is currently on the editorial boards of the Foundations and Trends in Communications and Information Theory. He is also the founding director of the Stanford Compression Forum.

In this lecture, Prof. Weissman will survey some of the recent activities in his group pertaining to inference and data compression, including: Justification of inference under logarithmic loss; Estimation of the associated information measures from ``big data", and its applications; Compression under logarithmic loss; and Successively refinable lossy compression, with applications to genomic data.

REGISTRATION 报名

ONLINE: http://scpku.fsi.stanford.edu/events/information-theory-and-statistical-signal-processing

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