

**TECHNICAL PROGRAM: AEW11, Rotterdam, July 3 - 5, 2019**

Wednesday, July 3. 18.00 – 19.30, Get together, Grand Cafe Loos, Westplein 51

Thursday, July 4.

09.00 - 10.30

**Data-Driven Tuning of Proximal Gradient Algorithms for Signal Recovery Problems,**

Tadashi Wadayama

**Weakly Constrained Codes and their Applications in Data Storage Systems,**

Van Khu Vu

**On the Maximum Sum-Rates of Input-Constrained WOM Codes,**

Akiko Manada, Takahiro Ota, and Hiroyoshi Morita

11.00 - 12.30

**Quantization for Emerging Non-Volatile Memories,**

Kui Cai

**A Note on the Bayes Optimal Estimator of the Expected Intervention Effect,**

Shunsuke Horii

**A Note on a Private PEZ Protocol,**

Yoshiki Abe, Mitsugu Iwamoto, and Kazuo Ohta

14.00 - 15.30

**Neural Network-Based Dynamic Quantizer Design for LDPC-Coded STT-MRAM Channels,**

Xingwei Zhong, Kui Cai, and Zhen Mei

**Comparisons of Detection Schemes for Channels with Unknown Varying Offset,**

Renfei Bu and Jos Weber

**Codes for Load Balancing in Multi-Server Systems,**

Vitaly Skachek

15.50 - 16.30 **Overview: Antidictionary and its Applications,** Hiroyoshi Morita

16.30 - 17.00

**2D LDPC Codes for TDMR,**

Hiroshi Kamabe and Shan Lu

**17.00 - 18.30 reception, followed by 18.30 - 21.00 banquet**

Friday, July 5

09.00 - 10.30

**A Universal Source Code Based on the AIVF Coding Strategy,**

Hirosuke Yamamoto, Kengo Hashimoto, and Kenichi Iwata

**Modern applications of convolutional codes,**

Angela Barbero and Oyvind Ytrehus

**On Overflow Probability of Variable-to-Fixed Length Codes for Non-Stationary Sources,**

Shigeaki Kuzuoka

11.00 - 12.30

**On Channel Coding with Cost Constraint on Delivery,**

Mikihiko Nishiara

**Prefix Synchronized Codes and Random Access for DNA-Based Data Storage,**

Han Mao Kiah

**Lossy Source Code Based on CoCoNuTS,**

Jun Muramatsu and Shigeki Miyake

**14.00 - 18.00 Social event, see further announcements**