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| Session Title | Visible Light Communication | Session Code | 6A2 |
| Date and Time | July 6 (Fri.) / 10:30-12:00 (90') | | |
| Place | Room A | | |
| Session Chair | Sung Man Kim (Kyungsung Univ.) | | |

6A2-1

10:30-10:45 (15')

Faster-than-Nyquist DFT-S-OFDM over Visible Light Communications

Yingjie Shao, Yang Hong, Shuang Gao, and Lian-Kuan Chen
The Chinese Univ. of Hong Kong, China

6A2-2

10:45-11:00 (15')

100-m Long Distance RGB Visible Light Camera Communication

Yen-Chun Liu¹, Ruei-Jie Shiu¹, Liang-Yu Wei¹, Chin-Wei Hsu¹, Chi-Wai Chow¹, and Chien-Hung Yeh²
¹Nat'l Chiao Tung Univ., Taiwan, ²Feng Chia Univ., Taiwan

6A2-3

11:00-11:15 (15')

Visible Light Communication Using Advertisement-Light-Board and Rolling-Shutter-Effect based CMOS Mobile-Phone Camera

Ruei-Jie Shiu¹, Yen-Chun Liu¹, Chi-Wai Chow¹, Liang-Yu Wei¹, Yung Hsu¹, Chin-Wei Hsu¹, Chien-Hung Yeh², Xin-Lan Liao³, Kun-Hsien Lin³, Yi-Chang Wang³, and Yi-Yuan Chen³
¹Nat'l Chiao Tung Univ., Taiwan, ²Feng Chia Univ., Taiwan, ³Industrial Technology Research Inst., Taiwan

6A2-4

11:15-11:30 (15')

Demonstration of Probabilistic Shaping PAM4 for Visible Light Communications

Dongsheng Wu, Min Zhang, Ze Li, Danshi Wang, Weishu Xu, and Jin Li
Beijing Univ. of Posts and Telecommunications, China