The First Joint Workshop on Electrical & Information Engineering Between Beihang University & KAIST

September 25 (Mon), 2017
Room 2201, 2nd Floor, Electrical Engineering Building (E3-2)

Time | Title | Speaker
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10:00~10:15 | Welcome remark & introduction of KAIST EE | Jaekyun Moon (Head of KAIST EE)
10:15~10:30 | Welcome remark & introduction of Beihang Univ. | Rongke Liu (Vice Dean, Beihang)
10:30~10:50 | Optimal filter design for generalized frequency-division multiplexing | Youngchul Sung
10:50~11:10 | Implementation of an OFDM communication system | Giang Gao
11:10~11:30 | Low-complexity concatenated polar codes with excellent scaling behavior | Sunghwan Yoon
11:30~11:50 | Polar code with its applications | Rongke Liu
11:50~13:00 | Lunch | Faculty Club (2nd Floor, E5)
13:00~13:20 | RF/analog IC design activities in NICE Lab | Sang-Gug Lee
13:20~13:40 | TFT display device and integrated circuit | Hongge Li
13:40~14:00 | Multiplexed dual-comb fiber lasers - enabling new applications for microwave, terahertz, and photonics | Zheng Zheng
14:00~14:20 | Silicon-based integrated optoelectronic devices for communication and sensing applications | Kyoungsik Yu
14:20~14:40 | Break | |
14:40~15:00 | High-capacity transmission systems using directly modulated lasers | Hoon Kim
15:00~15:20 | Optical devices for label-free surface wave biosensing and miniaturized spectroscopic analysis | Yuhang Wan
15:20~15:40 | Education and training in space science and microwave technology using small satellite programs | Seong-Ook Park
15:40~16:00 | Research on broadband EMC modeling method for electronic equipments | Shuguo Xie
16:00~16:20 | Break | |
16:20~16:40 | Active plasmonics in low dimensional materials | Minseok Jang
16:40~17:00 | Analysis, construction, and encoding of QC-LDPC codes in Frequency domain | Qin Huang
17:00~17:20 | Unequal error protection coding approaches to the noisy 20 questions problem | Hye Won Chung
17:20~18:00 | Discussion | |
18:00~ | Dinner | Faculty Lounge (E3-2)

Organizer: Prof. Hoon Kim, KAIST  Support: Beihang University & KAIST EE
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