

2019 IEEE International Symposium on Radio-Frequency Integration Technology (RFIT 2019)

**Nanjing, China
28 – 30 August 2019**



**IEEE Catalog Number: CFP19852-POD
ISBN: 978-1-7281-2497-1**

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IEEE Catalog Number:	CFP19852-POD
ISBN (Print-On-Demand):	978-1-7281-2497-1
ISBN (Online):	978-1-7281-2496-4

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Date / Venue: 2019-08-29 AM / Room O

08:50 - 09:30 (Keynote Presentation – 1) Terahertz in CMOS: Next Step.....N/A
Prof. Kenneth K. O, U. of Texas at Dallas

Chaired by Prof. Hao Gao, Eindhoven University of Technology

ORAL Session: TA10

RF Sensors and High-Speed Data Transceivers - 1
Session Chair: Hao Gao, Eindhoven University of Technology

09:30 - 09:50 In-band Interference Mitigation using Radio Frequency Signal Processing.....N/A
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(University of California, Davis)

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and Lianming Li, Southeast University

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Prof. Jae-Sung Rieh, Korea University

Chaired by Prof. Xun Luo,
University of Electronic Science and Technology of China

ORAL Session: TP10

Power Amplifiers, Frequency Generation ICs and Analog ICs

Session Chair: Xun Luo, University of Electronic Science and Technology of China

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(Tsinghua University)

14:30 - 14:50 A Novel Power-on Reset Circuit Based on Voltage Comparator in SiGe
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Prof. Zhi-Gong Wang, Southeast University

Chaired by Prof. Debin Hou, Southeast University

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Session Chair: Debin Hou, Southeast University

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Millimeter-wave and THz ICs

Session Chairs: Kaixue Ma, Tianjin University and Minoru Fujishima, Hiroshima University

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Special Session - Terahertz Passive Integration Technology

- Organizer: Zhang-Cheng Hao, Southeast University

Session Chairs: Bing Zhang, Sichuan University and Yujian Li, Beijing Jiaotong University

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ORAL Session: FP20

RF Sensors and High-Speed Data Transceivers - 2

Session Chairs: Changzhan Gu, Shanghai Jiao Tong University
and Ryuichi Fujimoto, Toshiba Memory Corp.

- 15:30 - 15:50 SOI Fully Integrated Phased-array T/R IC (invited).....N/A
Jianhua Lu
(Archiwave Microelectronics Co. , Ltd)
- 15:50 - 16:10 Doppler Radar Techniques for Vital Signs Detection Featuring Noise
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Fang Zhu, Guoqing Luo
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- 16:10 - 16:30 Touchless Gesture Interaction based on Short-Range Microwave Sensing
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