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# PROCEEDINGS OF SPIE

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**Kezhi Mao**  
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# Contents

vii	<i>Authors</i>
ix	<i>Conference Committees</i>
xi	<i>Introduction</i>

## **SESSION 1 SIGNAL DENOISING AND INTERFERENCE SUPPRESSION**

---

11384 02	<b>Adaptive time-varying clutter suppression algorithm based on TAVFF using IR-UWB radar [11384-9]</b>
11384 03	<b>PRI sinusoidal modulation feature extraction and pulse sorting based on EMD [11384-20]</b>
11384 04	<b>Multi-target multi-Bernoulli filtering based on propagator method for DOA tracking [11384-25]</b>
11384 05	<b>Lifting wavelet denoising based on pulsar wavelet basis [11384-31]</b>
11384 06	<b>Multiple modules speech enhancement in mixed noise and low SNR environments [11384-37]</b>
11384 07	<b>The influences and modification on the fidelity of vessel radiated noise power spectrum by main-beam width of measurement array [11384-38]</b>
11384 08	<b>Noise analysis of MEMS gyroscope under force rebalance closed loop detection [11384-46]</b>
11384 09	<b>DRFM interrupted sampling repeater jamming suppression algorithm based on clustering [11384-52]</b>
11384 0A	<b>A novel method of suppressing multipath interference based on Brewster effect [11384-55]</b>

## **SESSION 2 SIGNAL ANALYSIS AND PROCESSING**

---

11384 0B	<b>Self-similarity analysis of sea clutter under the existence of different moving target [11384-6]</b>
11384 0C	<b>Online recovery of time-varying signals based on sparse Bayesian learning [11384-16]</b>
11384 0D	<b>Note segmentation based on prior knowledge of music score [11384-18]</b>
11384 0E	<b>Feature extraction and classification of UAV's acoustic signal using 4-microphones array in a real noisy environment [11384-23]</b>

- 11384 OF **A rotor feature extraction method with clutter suppression and high precision** [11384-28]
- 11384 OG **Frame-level speech enhancement based on Wasserstein GAN** [11384-34]
- 11384 OH **Acoustic spectrum and signature analysis on underwater radiated noise of a passenger ship target based on the measured data** [11384-39]
- 11384 OI **SIRS prediction method based on PPG signal** [11384-47]
- 11384 OJ **Implementation of channel simulation and GMSK modulation signal transmission system based on GNU Radio** [11384-50]
- 11384 OK **Using machine learning techniques to classify cricket sound** [11384-53]
- 11384 OL **Multiple target DOA estimation with single snapshot in sonar array** [11384-56]

---

**SESSION 3 RADAR SYSTEM AND SIGNAL ANALYSIS**

---

- 11384 OM **High-precision coherent compensation of multi-radar signals based on GTD model** [11384-3]
- 11384 ON **Main lobe jamming suppression algorithm based on blocking matrix pre-processing and covariance matrix reconstruction** [11384-4]
- 11384 OO **A robust adaptive amplitude iteration CFAR detector in nonhomogeneous clutter environment** [11384-7]
- 11384 OP **Hand gesture recognition based on range Doppler angle trajectory and LSTM network using an MIMO radar** [11384-8]
- 11384 OQ **Hand gesture recognition based on convolutional neural network using a bistatic radar system** [11384-10]
- 11384 OR **Low-resolution ground surveillance radar target classification based on 1D-CNN** [11384-12]
- 11384 OS **Model based joint target tracking and classification with RCS measurement** [11384-24]
- 11384 OT **Simulation research on classification and identification of typical active jamming against LFM radar** [11384-32]

---

**SESSION 4 COMMUNICATION AND INFORMATION SYSTEM**

---

- 11384 OU **Advanced compressed sensing approach to synthesis of sparse antenna arrays** [11384-11]
- 11384 OV **Cross domain sentiment classification of Thai reviews using co-train model** [11384-33]

- 11384 OW **Indoor trajectory tracking algorithm based on Kalman filter and geomagnetic intensity**  
[11384-40]
- 11384 OX **Research of real-time high-precision positioning technology for space-based Internet of Things loads based on RLS** [11384-42]
- 11384 OY **NIWPT: NLOS identification based on channel state information** [11384-49]
- 11384 OZ **Optimization of the OSVOS model** [11384-51]
- 11384 10 **Fall detection method using Wi-Fi channel state information** [11384-54]

---

**SESSION 5 IMAGE PROCESSING**

- 11384 11 **Polynomial rotation-polynomial Fourier transform of ultrafast maneuvering targets detection**  
[11384-2]
- 11384 12 **Tree-structured Bayesian compressive sensing based image watermarking** [11384-5]
- 11384 13 **Design and simulation of Terahertz near field SAR real-time imaging system** [11384-13]
- 11384 14 **Zero-attracting affine projection M-estimate algorithm for sparse system identification in impulsive interference** [11384-14]
- 11384 15 **An opinion-unaware blind quality assessment algorithm for multiply distorted images**  
[11384-21]
- 11384 16 **Design of wideband real-time SAR imaging system** [11384-22]
- 11384 17 **Text matching based on reconstructed color interaction image** [11384-27]
- 11384 18 **Feature extraction methods based on ECG RR intervals for diabetes detection** [11384-29]
- 11384 19 **Velocity estimation and compensation of high-speed target from under-sampled data**  
[11384-30]
- 11384 1A **Face recognition based on most value averaging LBP and gray level co-occurrence matrix**  
[11384-48]

---

**SESSION 6 MODERN ELECTRONIC SYSTEMS AND SENSING TECHNOLOGY**

- 11384 1B **Non-dispersive infrared methane sensor with semi-elliptical gas cell** [11384-15]
- 11384 1C **Fault detection and diagnosis of relative position detection sensor for high speed maglev train based on kernel principal component analysis** [11384-17]

- 11384 1D **Detection of methylated cytosine on single strand DNA based on immune-functionalized and glutaraldehyde modified liquid exfoliated graphene field effect transistor** [11384-19]
- 11384 1E **Influence of the ratio of gate length to source-drain distance on the sensitivity of the AlGaN/GaN HEMT based chemical sensors and biosensors** [11384-35]
- 11384 1F **AlGaN/GaN open-gate high electron mobility transistors for glucose detection** [11384-41]
- 11384 1G **Improving detection limit of non-dispersive infrared gas sensor system by wavelet denoising algorithm** [11384-44]
- 11384 1H **Tunnel magnetoresistive sensor design and applications for current measurement** [11384-45]

## Authors

Numbers in the index correspond to the last two digits of the seven-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first five digits reflect the volume number. Base 36 numbering is employed for the last two digits and indicates the order of articles within the volume. Numbers start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B...0Z, followed by 10-1Z, 20-2Z, etc.

Bai, Huang, 12  
Bao, Changchun, 0L  
Bao, Runhan, 02  
Bao, Xihao, 16  
Bao, Yang, 0C  
Bertram, Susan M., 0K  
Bi, Zengliang, 1B  
Bian, Chenguang, 0O, 0R, 11  
Boonpetch, Warakorn, 0V  
Bu, Feng, 08  
Cai, Ruhua, 04  
Cao, Tiejong, 0Z  
Cao, Xuan, 18  
Chang, Jun, 0Y, 10  
Chen, Jianyun, 0X  
Chen, Mengxia, 02  
Chen, Siyu, 1H  
Chen, Yi, 14  
Cheng, Simin, 13  
Ch'ien, Libin, 1G  
Chitsobhuk, Orachat, 0V  
Chuan, Peng, 0G  
Dai, Chunhui, 1C  
Deng, Junchen, 15  
Deng, Peng, 1C  
Deng, Xiaotong, 0Z  
Ding, Hao, 0B  
Dong, Daoguang, 0C  
Dong, Xudong, 04  
Fan, Bo, 08  
Fang, Na, 1A  
Fang, Zheng, 0Z  
Fei, Haifeng, 0D, 0F  
Feng, Lei, 05  
Feng, Xuzhe, 0X  
Fu, Bo, 1A  
Gao, Meng, 0F, 0T  
Guan, Jian, 0B  
Gui, Wangpeng, 0W  
Guo, Shuwen, 08  
Guo, Wenping, 1F  
He, Kaixuan, 0P, 0Q  
He, Yiyang, 05  
Hong, Jiahui, 13  
Hong, Shizhan, 0Z  
Hong, Yancheng, 0T  
Hu, Shihui, 1D  
Huang, Huishi, 1F  
Hui, Guoqiang, 06  
Iqbal, Muhammad Amjad, 0E  
Ji, Qingwei, 13, 16  
Jia, Yunfang, 1D  
Jiang, Xinghao, 17  
Jiao, Bixuan, 0D, 0F, 0T  
Lan, Tian, 06, 0G  
Li, Fang, 1G  
Li, Gui-Juan, 07  
Li, Hongtao, 0T  
Li, Meng, 0G  
Li, Peng, 0O, 0R, 0U  
Li, Qiuping, 18  
Li, Qiuyang, 1H  
Li, Ran, 18  
Li, Sen, 06, 0G  
Li, Xiang, 19  
Li, Xiumei, 12  
Li, Yuehan, 1B  
Li, Yuzhao, 13  
Liang, Hongwei, 1E, 1F  
Liu, Ge, 0C  
Liu, Haifan, 02, 0P  
Liu, Jun, 1E, 1F  
Liu, Ningbo, 0B  
Liu, Qiao, 06, 0G  
Liu, Renxin, 0J  
Liu, Sili, 0X  
Liu, Tongan, 09  
Liu, Yan-sen, 07, 0H  
Liu, Yongxiang, 19  
Long, Zhiqiang, 1C  
Lv, Ning, 0O, 0U, 11  
Mei, Dong, 09, 0M  
Nie, Haohao, 17  
Peng, Canzhen, 0W  
Peng, Yifeng, 0Z  
Qi, Chundong, 03  
Qi, Shengbo, 1B  
Qiu, Changpei, 18  
Ran, Yaxin, 10  
Rehman, Saad Ur, 0E  
Rui, Guosheng, 0C  
Rui, Yibin, 0D, 0F, 0O, 0R, 0U, 11  
Shi, Ancun, 1G  
Shi, Wenqiang, 13, 16  
Shi, Yuqi, 0W  
Song, Rui, 0N  
Song, Wanjie, 09, 0N  
Sun, He, 18



Sun, Junmei, 12  
 Sun, Tanfeng, 17  
 Sun, Zeyu, 0O, 0R, 0U  
 Tan, Jiyuan, 0J  
 Tao, Li, 0M  
 Tian, Chunyuan, 0Y  
 Tian, Wenbiao, 0C  
 Tian, Yonghua, 0B  
 Tong, Chuangming, 0A  
 Wang, Hongli, 05  
 Wang, Huan, 0O, 0R, 0U, 11  
 Wang, Liping, 0S  
 Wang, Liyan, 0O, 0R, 11  
 Wang, Shuai, 0I  
 Wang, Tongle, 15  
 Wang, Wenhua, 03  
 Wang, Xin'an, 18  
 Wang, Yijin, 0A  
 Wang, Yongjie, 1G  
 Wang, Zhongrong, 1D  
 Wei, Beihai, 03  
 Wu, Jiani, 0L  
 Wu, Sunyong, 04  
 Xia, Xiaochuan, 1E  
 Xia, Xiaojun, 0I  
 Xiang, Lei, 0Z  
 Xiang, Shengkai, 0Z  
 Xiao, Yongqiang, 05  
 Xie, Jie, 0K  
 Xie, Jinfeng, 14  
 Xie, Renhong, 0O, 0U, 0R  
 Xiong, Suqin, 1H  
 Xu, Chao, 1A  
 Xu, Dacheng, 08  
 Xu, Guanghui, 1A  
 Xu, Ke, 17  
 Xu, Qiang, 05  
 Xue, Dongyang, 1E, 1F  
 Xue, Qiutiao, 04  
 Xue, Yonghua, 0B  
 Yang, Wang, 07, 0H  
 Yang, Xue-meng, 0H  
 Yang, Zhaocheng, 02, 0P, 0Q  
 Ye, Wenzheng, 06  
 You, Sihai, 05  
 Yu, Jiang, 0Y, 10  
 Yu, Qing, 0D, 0F  
 Zhan, Ronghui, 0S  
 Zhang, Heqiu, 1E, 1F  
 Zhang, Jizhao, 1D  
 Zhang, Linrang, 09  
 Zhang, Meng, 0N  
 Zhang, Penghe, 1H  
 Zhang, Shuanghui, 19  
 Zhang, Song, 0C  
 Zhang, Wei, 13  
 Zhang, Xiaodong, 0I  
 Zhang, Xinyu, 0N  
 Zhang, Yonghong, 0Y  
 Zhang, Zheng, 10  
 Zhang, Zijing, 0N  
 Zhao, Heming, 08  
 Zhao, Jun, 04  
 Zhao, Tianxia, 18  
 Zhao, Xilin, 1A  
 Zheng, Xinbo, 0P, 0Q  
 Zhong, Zhaogen, 0J  
 Zhu, Ying, 0W  
 Zhuang, Luntao, 0Q

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## Introduction

The Eleventh International Conference on Signal Processing Systems (ICSPS 2019), was held in Chengdu, China, 15-17 November 2019.

ICSPS 2019 is co-organized by the University of Electronic Science and Technology of China, China and International Association of Computer Science and Information Technology, Singapore, and assisted by Southwest Jiaotong University, China. The key goal of this conference was to bring academic scientists, engineers, and industry researchers together to exchange and share their expertise, experience and research results, and discuss the challenges and future directions in their specialized areas of research in these fields. The professors from Australia, Canada, China and Hong Kong delivered the keynote speeches, and invited speech about state-of-the-art research in their areas of expertise. In addition, five parallel sessions and one oral session were successfully held with the efforts of all the session chairs and presenters.

This volume includes 52 selected papers submitted to the conference from universities, research institutes and industries. Each contributed paper has been through a rigorous blind peer-review process. They were reviewed by at least two experts who are qualified within the field of signal processing systems. These papers will provide the readers an overview on many recent advances in the fields related to Signal Processing Systems.

We would like to thank all the authors who have contributed to this volume and to the members of the organizing committee, reviewers, speakers, chairpersons, sponsors and the conference participants for their support of ICSPS 2019.

We truly believe that the participants had fruitful discussions and enjoyed the opportunity for future collaborations.

**Kezhi Mao**

