

# **2017 IEEE International Conference on Imaging Systems and Techniques (IST 2017)**

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## Table of Contents

|                                                       |      |
|-------------------------------------------------------|------|
| Welcome Message from the Chairman .....               | iv   |
| IEEE IST 2017 Organizers.....                         | v    |
| International School of Imaging: Lecture Series ..... | ix   |
| Wednesday, October 18 .....                           | x    |
| Thursday, October 19 .....                            | xiv  |
| Friday, October 20.....                               | xxvi |

## Wednesday, October 18

16:30 - 17:30

### Imaging Sensors and Detectors I

Meeting Room 2

Chairs: Lihui Peng (Tsinghua University, P.R. China)

Xingyu, Xie (Khalifa University of Science and Technology, United Arab Emirates)

#### Dynamic Segmentation using a Novel Neuromorphic Polarimetric Imaging System ..... 1

Michael Surovich (Manhattan College, USA)

Suman Shrestha (Manhattan College, USA)

George C Giakos (Manhattan College, USA)

Nicolas Douard (Manhattan College, USA)

Zoe Giakos (University of Akron, USA)

#### Surface Defects Mapping Using Microwaves and Ultrasonic Phased Array Imaging ..... 7

Abdallah Yassin (Khalifa University of Science and Technology & Petroleum Institute, United Arab Emirates)

Mohamed A Abou-Khousa (Khalifa University of Science and Technology & Petroleum Institute, United Arab Emirates)

Mohammad Ramzi (Khalifa University of Science and Technology & Petroleum Institute, United Arab Emirates)

#### Demosaicking based on dual-CFA pattern..... 12

Xiangdong Chen (Nanjing University of Posts and Telecommunications, P.R. China)

Haoran Wu (Nanjing University of Posts and Telecommunications, P.R. China)

Bo Yang (Nanjing University of Posts and Telecommunications, P.R. China)

Gwanggil Jeon (Incheon National University, Korea)

#### Research on CCERT Under Two Different Excitation Patterns ..... 17

Yandan Jiang (Zhejiang University, P.R. China)

Zhen Xu (Zhejiang University, P.R. China)

Baoliang Wang (Zhejiang University, P.R. China)

Zhiyao Huang (Zhejiang University, P.R. China)

Haifeng Ji (Zhejiang University, P.R. China)

Haiqing Li (Zhejiang University, P.R. China)

16:30 - 17:30

### Image Analysis and Image Quality Assessment

Meeting Room 3

Chairs: Naim Dahnoun (University of Bristol, United Kingdom (Great Britain)),

Ze Liu (Beijing Jiaotong University, P.R. China)

#### AVRDB: Annotated Dataset for Vessel Segmentation and Calculation of Arteriovenous Ratio ..... Not available at production

Shahzad Akbar (COMSATS Institute of Information Technology, Wah, Pakistan)

Taimur Hassan (CASE - University of Engineering & Technology, Pakistan)

Muhammad Usman Akram (CEME NUST, Pakistan)

Ubaid Yasin and Imran Basit (Armed Forces Institute of Ophthalmology, Pakistan)

#### A Pen Locating Scheme for large-size electronic whiteboards ..... 22

Wenjie Zhou (Peking University, P.R. China)

Xiaohui Duan (Peking University, P.R. China)

#### Sampling Method for GMM Curve Fitting in Multi Object Tracking ..... 28

Rui Wang (Beihang University, P.R. China)

Ran Huang (Beihang University, P.R. China)

Yuan Gao (Beihang University, P.R. China)

Haiyan Sun (Beihang University, P.R. China)

**Effect of Media Permittivity on Imaging Quality of Electrical Capacitance Tomography.....****33**

Shiguo Liang (*Institute of Engineering Thermophysics, Chinese Academy of Sciences, P.R. China*)  
 Jiamin Ye (*Institute of Engineering Thermophysics, Chinese Academy of Sciences, P.R. China*)  
 Haigang Wang (*University of Chinese Academy of Sciences, P.R. China*)  
 Meng Wu (*Institute of Engineering Thermophysics, Chinese Academy of Sciences, P.R. China*)

16:30 - 17:30

**Image Segmentation I****Meeting Room 8**

**Chairs:** Baoliang Wang (*Zhejiang University, P.R. China*)  
 Lisa Boneta (*Manhattan College, USA*)

**An EIT Image Segmentation Method Based on Projection Distance Minimization.....****39**

Guanghui Liang (*Tianjin University, P.R. China*)  
 Shangjie Ren (*Tianjin University, P.R. China*)  
 Feng Dong (*Tianjin University, P.R. China*)

**Segmentation of Touching Seeds Based on Shape Feature and Multiple Concave Point Detection .....****44**

Lu Gao (*Shanghai Jiao Tong University, P.R. China*)  
 Manhua Liu (*Shanghai Jiao Tong University, P.R. China*)  
 Chunyu Zhao (*Shanghai Jiao Tong University, P.R. China*)

**A Study of Image Segmentation Algorithms Combined with Different Image Preprocessing Methods for Thyroid Ultrasound Images.....****49**

Junying Chen (*South China University of Technology, P.R. China*)  
 Feng Li (*South China University of Technology, P.R. China*)  
 Yixuan Fu (*South China University of Technology, P.R. China*)  
 Qun Liu (*South China University of Technology, P.R. China*)  
 Jiajun Huang (*South China University of Technology, P.R. China*)  
 Kai Li (*The Third Affiliated Hospital of Sun Yat-Sen University, P.R. China*)

**3D Simultaneous Segmentation and Registration of Vertebral Bodies for Accurate BMD Measurements .....****54**

Lisa Boneta (*Manhattan College, USA*)  
 Ahmed Shalaby (*University of Louisville, USA*)  
 Ahmed Refaei (*Manhattan College, USA & Western University, Canada*)  
 Khaled Loukhaoukha (*Laval University, Canada*)  
 George C Giakos (*Manhattan College, USA*)

17:30 – 18:30

**Pattern Recognition and Image Enhancement****Meeting Room 2**

**Chairs:** Jie Chen (*Beihang University, P.R. China*)  
 Koushlendra Kumar Singh (*PDPM IIITDM Jabalpur, India*)

**Land Cover Classification from ICESat/GLAS Waveform Data .....****59**

Qunchong Zhao (*Beihang University, P.R. China*)  
 Xiaolu Li (*Beihang University, P.R. China*)  
 Lijun Xu (*Beihang University, P.R. China*)

**Comparison of Two Approaches for Land Cover Classification from ICESat/GLAS Waveform Data .....****65**

Qunchong Zhao (*Beihang University, P.R. China*)  
 Xiaolu Li (*Beihang University, P.R. China*)  
 Lijun Xu (*Beihang University, P.R. China*)

**Fractional Order Savitzky-Golay Differentiator based Approach for Mammogram Enhancement .....****N/A**

Koushlendra Kumar Singh (*PDPM IIITDM Jabalpur, India*)  
 Binod Singh (*National Institute of Technology, India*)  
 Manish Bajpai (*IIITDM Jabalpur, India*)

|                                                                                                                       |           |
|-----------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Joint of Discrete Curvelet Transform and Nonlocal Tensor Sparse Regularization for SAR Image Despeckling .....</b> | <b>76</b> |
|-----------------------------------------------------------------------------------------------------------------------|-----------|

Gao Chen (*Tsinghua University, P.R. China*)  
 Gang Li (*Tsinghua University, P.R. China*)

|                                                                                                                                            |  |
|--------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>17:30 – 18:30</b>                                                                                                                       |  |
| <b>MRI, CT, SPECT, PET, ET, and Microscopy</b>                                                                                             |  |
| <b>Meeting Room 3</b>                                                                                                                      |  |
| <b>Chairs:</b> Michalis Zervakis ( <i>Technical University of Crete, Greece</i> )<br>Feng Dong ( <i>Tianjin University, P.R. China</i> ) & |  |

|                                                                                                                       |           |
|-----------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Investigation of Relaxation Factor in Landweber Iterative Algorithm for Electrical Capacitance Tomography.....</b> | <b>82</b> |
|-----------------------------------------------------------------------------------------------------------------------|-----------|

Wenbin Tian (*University of Manchester, United Kingdom (Great Britain)*)  
 Jiangtao Sun (*Beihang University, P.R. China*)  
 Mimi Faisyalini Ramli (*University of Manchester, United Kingdom (Great Britain)*)  
 Wuqiang Yang (*The University of Manchester, United Kingdom (Great Britain)*)

|                                                                                        |           |
|----------------------------------------------------------------------------------------|-----------|
| <b>The GVF measurement and flow regime study of gas-water flows by ERT sensor.....</b> | <b>88</b> |
|----------------------------------------------------------------------------------------|-----------|

Yuchi Deng (*Tsinghua University, P.R. China*)  
 Yinyan Liu (*Tsinghua University, P.R. China*)  
 Yi Li (*Tsinghua University, P.R. China*)

|                                                                            |           |
|----------------------------------------------------------------------------|-----------|
| <b>Liver Sub-Pixel Detection Method on Magnetic Resonance Images .....</b> | <b>94</b> |
|----------------------------------------------------------------------------|-----------|

Qinghua Su (*Beijing Wuzi University, P.R. China*)  
 Yang Xuedong (*Guang'anmen Hospital, China Academy of Chinese Medical Sciences, P.R. China*)  
 Li Juntao (*Beijing Wuzi University, P.R. China*)  
 Yan Zhao (*Beihang University, P.R. China*)

|                                                                                                                  |           |
|------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Multiresolution Bioinspired Cross-Polarized Imaging and Biostatistics of Lung Cancer Tissue Samples .....</b> | <b>99</b> |
|------------------------------------------------------------------------------------------------------------------|-----------|

Gloria Bauman (*Manhattan College, USA*)  
 Suman Shrestha (*Manhattan College, USA*)  
 Kiera Mallinson (*Manhattan College, USA*)  
 Michael Surovich (*Manhattan College, USA*)  
 Yi Wang (*Manhattan College, USA*)  
 George Livanos (*Technical University of Crete, Greece*)  
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 Ying Na (*Hangzhou Dianzi University, P.R. China*)  
 George C Giakos (*Manhattan College, USA*)  
 Zoe Giakos (*University of Akron, USA*)

|                                                                                                                                                                               |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>17:30 – 18:45</b>                                                                                                                                                          |  |
| <b>Deep Learning I</b>                                                                                                                                                        |  |
| <b>Meeting Room 8</b>                                                                                                                                                         |  |
| <b>Chairs:</b> Junwen Chen ( <i>Southwest Jiaotong University, P.R. China</i> )<br>Ammarah Farooq ( <i>College of Electrical and Mechanical Engineering, NUST, Pakistan</i> ) |  |

|                                                                                                                |            |
|----------------------------------------------------------------------------------------------------------------|------------|
| <b>High-speed Railway Catenary Components Detection Using the Cascaded Convolutional Neural Networks .....</b> | <b>105</b> |
|----------------------------------------------------------------------------------------------------------------|------------|

Junwen Chen (*Southwest Jiaotong University, P.R. China*)  
 Zhigang Liu (*Southwest Jiaotong University, The Netherlands*)  
 Hongrui Wang (*Southwest Jiaotong University, P.R. China*)  
 Kai Liu (*Southwest Jiaotong University, P.R. China*)

|                                                                                                                                                  |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>A Deep CNN based Multi-class Classification of Alzheimer's Disease using MRI.....</b>                                                         | <b>111</b> |
| Ammarah Farooq ( <i>College of Electrical and Mechanical Engineering, NUST, Pakistan</i> )                                                       |            |
| Syed Muhammad Anwar ( <i>University of Engineering and Technology Taxila &amp; Signal, Image, Multimedia Processing and Learning, Pakistan</i> ) |            |
| Muhammad Awais Rana ( <i>Surrey University, United Kingdom (Great Britain)</i> )                                                                 |            |
| Saad Rehman ( <i>NUST COLLEGE OF EME, Pakistan</i> )                                                                                             |            |
| <b>Combining Convolutional and Recurrent Neural Networks for Alzheimer'S Disease Diagnosis Using PET Images .....</b>                            | <b>117</b> |
| Danni Cheng ( <i>Shanghai Jiao Tong University, P.R. China</i> )                                                                                 |            |
| Manhua Liu ( <i>Shanghai Jiao Tong University, P.R. China</i> )                                                                                  |            |
| <b>People detection in crowded scenes using hierarchical features .....</b>                                                                      | <b>122</b> |
| Qiang Zeng ( <i>Peking University, P.R. China</i> )                                                                                              |            |
| Yule Yuan ( <i>Shenzhen Graduate School of Peking University, P.R. China</i> )                                                                   |            |
| Canmiao Fu ( <i>Peking University, P.R. China</i> )                                                                                              |            |
| Yong Zhao ( <i>Peking University, P.R. China</i> )                                                                                               |            |
| <b>Classification of Cataract Fundus Image Based on Deep Learning .....</b>                                                                      | <b>127</b> |
| Yanyan Dong ( <i>Beijing University of Posts and Telecommunications, P.R. China</i> )                                                            |            |
| Qinyan Zhang ( <i>Beijing University of Posts and Telecommunications, P.R. China</i> )                                                           |            |
| Zhiqiang Qiao ( <i>Beijing University of Posts and Telecommunications, P.R. China</i> )                                                          |            |
| Ji-Jiang Yang ( <i>Tsinghua University, P.R. China</i> )                                                                                         |            |

## Thursday, October 19

09:00 - 10:00

### Tomographic Scanners: ECT, Inverse scattering, Industrial Scanners I

Meeting Room 2

Chairs: Lihui Peng (Tsinghua University, P.R. China)  
Jiangtao Sun (Beihang University, P.R. China)

**Analysis of Gas/Solid Two-phase Flow Imaging System Based on ECT Technology..... 132**

Chaoqi Yan (Civil Aviation University of China, P.R. China)  
Min Ma (Civil Aviation University of China, P.R. China)

**A Platform for Electrical Capacitance Tomography Large-scale Benchmark Dataset Generating and Image Reconstruction ..... 138**

Jin Zheng (Tsinghua University, P.R. China)  
Lihui Peng (Tsinghua University, P.R. China)

**Modelling of electrical capacitance array for water leakage imaging inside porous slab ..... 144**

Rui Li (Tsinghua University, P.R. China)  
Lihui Peng (Tsinghua University, P.R. China)

**Experimental investigation of gas-oil two-phase flow using electrical capacitance tomography ..... 150**

Yinyan Liu (Tsinghua University, P.R. China)  
Yuchi Deng (Tsinghua University, P.R. China)  
Yi Li (Tsinghua University, P.R. China)

09:00 – 10:00

### SPECIAL SESSION: Computer Vision: Measurements, Analysis and Processing Techniques I

Meeting Room 3

Chairs: Anqi Huang (Hefei University of Technology, P.R. China)  
Yang Cai (University of Shanghai for Science and Technology, P.R. China)

**Dynamic Path Planning Algorithm for Wearable Visual Navigation System Based on the Improved A\* ..... 155**

Yidou Zhang (Beihang University, P.R. China)  
Yan Zhao (Beihang University, P.R. China)  
Tong Wei (Beihang University, P.R. China)  
Jiemin Chen (Beihang University, P.R. China)

**Automatic Measurement Based on Stereo Vision System Using a Single PTZ Camera ..... 161**

Rui Wang (Beihang University, P.R. China)  
Suizhou Feng (Beihang University, P.R. China)

**Digital Image Correlation Using Ring Template for 3D Reconstruction ..... 167**

Anqi Huang (Hefei University of Technology, P.R. China)  
Yonghong Wang (Hefei University of Technology, P.R. China)  
Xizuo Dan (Hefei University of Technology, P.R. China)  
Yue Hu (Hefei University of Technology, P.R. China)  
Siyuan Bao (Hefei University of Technology, P.R. China)

**An Improved Image Processing Method for Particle Measurement ..... 173**

Yang Cai (University of Shanghai for Science and Technology, P.R. China)  
Mingxu Su (University of Shanghai for Science and Technology, P.R. China)

**09:00 – 10:00**

**SPECIAL SESSION: Image processing and pattern recognition I**

**Meeting Room 8**

**Chair:** Fu Feiran (Changchun University of Science and Technology, P.R. China)

**Automated identification of colorectal glands morphology from benign images .....*Not available at production***

*Ammara Nasim (Bahria University, Pakistan)*

*Taimur Hassan (Bahria University, Islamabad, Pakistan)*

*Muhammad Usman Akram (CEME NUST, Pakistan)*

*Bilal Hassan (College of EME, NUST, Pakistan)*

*Muhammad Ali Shami (Bahria University, Islamabad Campus, Pakistan)*

**Temporal Difference Method Based on Positive and Negative Energy Distribution in Moving Objects**

**Detection .....**

**179**

*Fu Feiran (Changchun University of Science and Technology, P.R. China)*

*Fang Ming (Changchun University of Science and Technology, P.R. China)*

*Yang Huamin (Changchun University of Science and Technology, P.R. China)*

**Subsurface Object Classification of Hyperspectral Imaging: Inversion and Regularization**

**Under Lack of Precise Knowledge and Measurements .....*Not available at production***

*Luis O. Jimenez-Rodriguez (University of Puerto Rico Mayaguez Campus, Puerto Rico)*

*Emmanuel Carpena (University of Puerto Rico Mayaguez Campus)*

*Emmanuel Arzuaga (University of Puerto Rico Mayaguez, Puerto Rico)*

*Sujeily Fonseca (University of Puerto Rico Mayaguez Campus, Puerto Rico)*

**10:00 - 11:00**

**Tomographic Scanners**

**Meeting Room 2**

**Chairs:** Mohohlo Tsoeu (University of Cape Town, South Africa)

Nan Li (Northwestern Polytechnical University & Beijing University of Technology, China)

**A Modified Conjugate Gradient Reconstruction Algorithm for Electromagnetic Tomography ..... 184**

*Xianglong Liu (Beijing Jiaotong University, P.R. China)*

*Ze Liu (Beijing Jiaotong University, P.R. China)*

*Sheng Zhu (Beijing Jiaotong University, P.R. China)*

*Jiawei Wang (Beijing Jiaotong University, P.R. China)*

**Simulation study on Ultrasonic Tomography in Bubbly Gas/Liquid Two-phase Flow ..... 190**

*Nan Li (Northwestern Polytechnical University & Beijing University of Technology, P.R. China)*

*Kun Xu (Beijing University of Technology, P.R. China)*

**An Improved Normalized Model of Electrecd Capacitance Tomography .....*Not available at production***

*Lifeng Zhang (Tianjin University, P.R. China)*

*Feng Zhu (North China Electric Power University, P.R. China)*

*Qin Zhang (North China Electric Power University, P.R. China)*

**Capabilities of Code Division Multiplexed Electrical Impedance Tomography ..... 196**

*Mohohlo Tsoeu (University of Cape Town, South Africa)*

*Michael R Inggs (University Cape Town, South Africa)*

**10:00 – 11:00**

**Sensors for Aerospace Applications I**

**Meeting Room 3**

**Chairs:** Yan Zhao (Beihang University, P.R. China)

Manguo Huang (AVIC Beijing Changcheng Aeronautic Measurement and Control Technology Research Institute, P.R. China)

**Globally Optimal Filtering for Systems with Nonideal Measurements, Stochastic Nonlinearities and Correlated Noises .....**

**202**

*Qunsheng Li (Beihang University, P.R. China)*

*Yan Zhao (Beihang University, P.R. China)*

*Yidou Zhang (Beihang University, P.R. China)*

**An Optimized Layout Method Based on Genetic Algorithm for DPOS.....**

**208**

*Xiaolin Gong (Beihang University)*

*Haojie Liu (Beihang University)*

*Gang Liu (Beihang University, P.R. China)*

*Xiaolu Li (Beihang University, P.R. China)*

**Design of temperature compensation for silicon-sapphire pressure sensor.....**

**214**

*Manguo Huang (AVIC Beijing Changcheng Aeronautic Measurement and Control Technology Research Institute, P.R. China)*

*Liu Defeng (AVIC Beijing Changcheng Aeronautic Measurement and Control Technology Research Institute, P.R. China)*

*Lu Chao (Beihang University, P.R. China)*

*Guo Zhanshe (Beihang University, P.R. China)*

*Li Xin (AVIC Beijing Changcheng Aeronautic Measurement and Control Technology Research Institute, P.R. China)*

**Influence of Ray-tracing Step on Aero-Optics Imaging Deviation Computation.....**

**219**

*Liang Xu (Tianjin University of Technology, P.R. China)*

*DeTing Xue (Tianjin University of Technology, P.R. China)*

*XiaoYi Lv (Xinjiang University, P.R. China)*

**10:00 – 11:00**

**SPECIAL SESSION: Image processing and pattern recognition II**

**Meeting Room 8**

**Chairs:** Yuanchi Ma (University of Shanghai for Science and Technology, P.R. China)

Rui Fan (University of Bristol, United Kingdom (Great Britain))

**An Adaptive Wavelet Transform Application to Multiple Targets Tracking in the Air.....**

**224**

*Rui Wang (Beihang University, P.R. China)*

*Jingwen Xu (Beihang University, P.R. China)*

*Yan Zhao (Beijing Institute of Remote Sensing Equipment, P.R. China)*

**A Depth Estimation Algorithm of Plenoptic Camera for the Measurement of Particles .....**

**230**

*Yuanchi Ma (University of Shanghai for Science and Technology, P.R. China)*

*Wu Zhou (University of Shanghai for Science and Technology, P.R. China)*

*Tianlei Qian (University of Shanghai for Science and Technology, P.R. China)*

*Xiaoshu Cai (University of Shanghai for Science and Technology, P.R. China)*

**Real-Time User Selected Dynamic Template Tracking For UAV.....**

**235**

*Fabio Mendez (University of Bristol, United Kingdom (Great Britain))*

*Mark Ferguson (University of Bristol, United Kingdom (Great Britain))*

*Naim Dahnoun (University of Bristol, United Kingdom (Great Britain))*

*Scott Tancock (University of Bristol, United Kingdom (Great Britain))*

|                                                                                                                                             |            |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Real-Time Implementation of Stereo Vision Based on Optimised Normalised Cross-Correlation and Propagated Search Range on a GPU .....</b> | <b>241</b> |
| Rui Fan (University of Bristol, United Kingdom (Great Britain))                                                                             |            |
| Naim Dahnoun (University of Bristol, United Kingdom (Great Britain))                                                                        |            |

|                                                                                              |  |
|----------------------------------------------------------------------------------------------|--|
| <b>11:20 - 12:20</b>                                                                         |  |
| <b>Embedded Imaging, Mobile and Communication applications and Cybersecurity and Imaging</b> |  |
| <b>Meeting Room 2</b>                                                                        |  |
| <b>Chairs:</b> Alavikunhu Panthakkan (University of Dubai, United Arab Emirates)             |  |
| Falin Wu (Beihang University, P.R. China)                                                    |  |

|                                                                                        |            |
|----------------------------------------------------------------------------------------|------------|
| <b>An INS-aided GPS Fast Acquisition Algorithm for High Dynamic Applications .....</b> | <b>247</b> |
| Falin Wu (Beihang University, P.R. China)                                              |            |
| Shan Xu (Beihang University, P.R. China)                                               |            |
| Zhendian Wu (BOE, P.R. China)                                                          |            |
| Jiemin Chen (Beihang University, P.R. China)                                           |            |

|                                                                      |            |
|----------------------------------------------------------------------|------------|
| <b>A BeiDou Weak Signal Acquisition Method with INS-aiding .....</b> | <b>253</b> |
| Falin Wu (Beihang University, P.R. China)                            |            |
| Shan Xu (Beihang University, P.R. China)                             |            |
| Yong Fu (Chinese Academy of Sciences, P.R. China)                    |            |
| Jiemin Chen (Beihang University, P.R. China)                         |            |
| Tahir Jan (Beihang University, P.R. China)                           |            |

|                                                                                                 |            |
|-------------------------------------------------------------------------------------------------|------------|
| <b>Two-stage Hough Transform Algorithm for Lane Detection System Based on TMS320DM6437.....</b> | <b>258</b> |
| Houqiang Li (University of Science and Technology Beijing, P.R. China)                          |            |
| Zhaohui Zhang (University of Science and Technology Beijing, P.R. China)                        |            |
| Xiaoyan Zhao (University of Science and Technology Beijing, P.R. China)                         |            |
| Mengzhong He (University of Science and Technology Beijing, P.R. China)                         |            |

|                                                                                                                                      |            |
|--------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>A New Reversible Watermarking Technique using Turbo Product Code and Adaptive Prediction Algorithm for Satellite Images .....</b> | <b>263</b> |
| Alavikunhu Panthakkan (University of Dubai, United Arab Emirates)                                                                    |            |
| Sara Ahmed AlMaeeni (Mohammed Bin Rashid Space Center, United Arab Emirates)                                                         |            |
| Hussain Al-Ahmad (University of Dubai, United Arab Emirates)                                                                         |            |

|                                                                                   |  |
|-----------------------------------------------------------------------------------|--|
| <b>11:20 - 12:20</b>                                                              |  |
| <b>Image Reconstruction</b>                                                       |  |
| <b>Meeting Room 3</b>                                                             |  |
| <b>Chairs:</b> Yong Bao (University of Edinburgh, United Kingdom (Great Britain)) |  |
| Shengheng Liu (University of Edinburgh, United Kingdom (Great Britain))           |  |

|                                                                                                                         |            |
|-------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Image Reconstruction Algorithm for Electrical Impedance Tomography Based on Block Sparse Bayesian Learning .....</b> | <b>267</b> |
| Shengheng Liu (University of Edinburgh, United Kingdom (Great Britain))                                                 |            |
| Jiabin Jia (University of Edinburgh, United Kingdom (Great Britain))                                                    |            |
| Yunjie Yang (University of Edinburgh, United Kingdom (Great Britain))                                                   |            |

|                                                                                  |            |
|----------------------------------------------------------------------------------|------------|
| <b>Nonlinear temperature field reconstruction using acoustic tomography.....</b> | <b>272</b> |
| Yong Bao (University of Edinburgh, United Kingdom (Great Britain))               |            |
| Jiabin Jia (University of Edinburgh, United Kingdom (Great Britain))             |            |

|                                                                                                         |            |
|---------------------------------------------------------------------------------------------------------|------------|
| <b>An image reconstruction method for improving resolution of capacitive wire mesh tomography .....</b> | <b>278</b> |
| Weimin Lao (Tsinghua University, P.R. China)                                                            |            |
| Lihui Peng (Tsinghua University, P.R. China)                                                            |            |
| Yi Li (Tsinghua University, P.R. China)                                                                 |            |

|                                                                                                                      |            |
|----------------------------------------------------------------------------------------------------------------------|------------|
| <b>Local Integrated Absorbance Tomography Based on Revised Iterative Reconstruction-Reprojection Algorithm .....</b> | <b>284</b> |
|----------------------------------------------------------------------------------------------------------------------|------------|

Wenqiang Zhang (Beihang University, P.R. China)  
Lijun Xu (Beihang University, P.R. China)  
Qianwei Qu (Beihang University, P.R. China)  
Zhang Cao (Beihang University, P.R. China)  
Jiangtao Sun (Beihang University, P.R. China)

**11:20 - 12:20**

**SPECIAL SESSION: Image processing and pattern recognition III**

**Meeting Room 8**

**Chairs:** Ali AlSuwaidi (University of Manchester, United Kingdom (Great Britain))  
Pengfei Shi (Shanghai Jiao Tong University, P.R. China)

|                                                                                           |            |
|-------------------------------------------------------------------------------------------|------------|
| <b>HEVC based Mixed-resolution Stereo Video Coding for Low Bitrate Transmission .....</b> | <b>289</b> |
|-------------------------------------------------------------------------------------------|------------|

Bruhanth Mallik (Leeds Beckett University, United Kingdom (Great Britain))  
Akbar Sheikh Akbari (Leeds Beckett University, United Kingdom (Great Britain))  
Ah-Lian Kor (Leeds Beckett University, United Kingdom (Great Britain))

|                                                                                                          |            |
|----------------------------------------------------------------------------------------------------------|------------|
| <b>Spectral-Texture Approach to Hyperspectral Image Analysis for Plant Classification with SVMs.....</b> | <b>294</b> |
|----------------------------------------------------------------------------------------------------------|------------|

Ali AlSuwaidi (University of Manchester, United Kingdom (Great Britain))  
Bruce Grieve (University of Manchester, United Kingdom (Great Britain))  
Hujun Yin (University of Manchester, United Kingdom (Great Britain))

|                                                                                         |            |
|-----------------------------------------------------------------------------------------|------------|
| <b>Fast Shape Matching and Retrieval with Dynamic Angular Partition Descriptor.....</b> | <b>300</b> |
|-----------------------------------------------------------------------------------------|------------|

Pengfei Shi (Shanghai Jiao Tong University, P.R. China)  
Yongkun Wang (Shanghai Jiao Tong University, P.R. China)  
Ying Hu (Shanghai Jiao Tong University, P.R. China)  
Yaohui Jin (Shanghai Jiaotong University, P.R. China)

|                                                                                                                               |            |
|-------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Analysis of Pool Characteristics and Correlation Using Auxiliary Optical Imaging during High Power Laser Welding .....</b> | <b>306</b> |
|-------------------------------------------------------------------------------------------------------------------------------|------------|

Guiqian Liu (Guangdong University of Technology, P.R. China)  
Xiangdong Gao (Guangdong University of Technology, P.R. China)  
Deyong You (Guangdong University of Technology, P.R. China)  
Yaowu Song (Guangdong University of Technology, P.R. China)  
Nanfeng Zhang (Guangdong University of Technology, P.R. China)

**13:30 - 14:30**

**Sensors for Aerospace Applications II and Imaging**

**Meeting Room 2**

**Chairs:** Christian Pfaab (Universität Bremen, Germany)  
Jianli Li (Beihang University, P.R. China)

|                                                                                   |            |
|-----------------------------------------------------------------------------------|------------|
| <b>An Airborne Position and Orientation System (POS) for Remote Sensing .....</b> | <b>312</b> |
|-----------------------------------------------------------------------------------|------------|

Fengguang Zhai (Beihang University, P.R. China)  
Jianli Li (Beihang University, P.R. China)  
Haitao Qiu (Aerospace Control Devices, P.R. China)  
Wen Ye (Beihang University, P.R. China)  
Bin Gu (Beihang University, P.R. China)  
Zhaoxing Lu (Xi'an Institute of High-tech, P.R. China)

|                                                                                                                      |            |
|----------------------------------------------------------------------------------------------------------------------|------------|
| <b>Application of Spatial Heterodyne Spectroscopy Interferometer in Velocity Measurement and Error Analysis.....</b> | <b>318</b> |
|----------------------------------------------------------------------------------------------------------------------|------------|

Yanghao Lin (Beihang University, P.R. China)  
Yan Zhao (Beihang University, P.R. China)  
Falin Wu (Beihang University, P.R. China)

|                                                                                                            |            |
|------------------------------------------------------------------------------------------------------------|------------|
| <b>A comparison of feature detection in low atmospheric pressure using thermal and visible images.....</b> | <b>324</b> |
|------------------------------------------------------------------------------------------------------------|------------|

*Helia Sharif (German Aerospace Center (DLR) & Universität Bremen, Germany)*

*Christian Pfaab (Universität Bremen, Germany)*

*Matthew Hözel (Universität Bremen, Germany)*

|                                                                                                                                            |            |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Research on SNR prediction technology based on reservoir computing in wireless transmission of satellite communication system .....</b> | <b>674</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------|------------|

*Bowen Sun (Harbin Engineering University, P.R. China)*

**13:30 - 14:30**

**Deep Learning II**

**Meeting Room 3**

**Chairs:** Fuqiang Zhou (Beihang University, P.R. China)

*Na Ying (Hangzhou Dianzi University, China)*

|                                                               |            |
|---------------------------------------------------------------|------------|
| <b>Blur Image Classification based on Deep Learning .....</b> | <b>330</b> |
|---------------------------------------------------------------|------------|

*Rui Wang (Beihang University, P.R. China)*

*Wei Li (Beihang University, P.R. China)*

*Runnan Qin (Beihang University, P.R. China)*

*JinZhong Wu (The Third Research Institute of China Electronics Technology Group Corporation, P.R. China)*

|                                                                                        |            |
|----------------------------------------------------------------------------------------|------------|
| <b>Stereo Matching and Depth Map Collection Algorithm Based on Deep Learning .....</b> | <b>336</b> |
|----------------------------------------------------------------------------------------|------------|

*Hao Xu (Beihang University, P.R. China)*

|                                                                                   |            |
|-----------------------------------------------------------------------------------|------------|
| <b>Fast Vehicle Detection Based on Evolving Convolutional Neural Network.....</b> | <b>342</b> |
|-----------------------------------------------------------------------------------|------------|

*Fengbin Zhu (HangzhouDianZi University, USA)*

*Youfei Lu (Hangzhou Dianzi University, P.R. China)*

*Ying Na (Hangzhou Dianzi University, P.R. China)*

*George C Giakos (Manhattan College, USA)*

|                                                                                                                        |            |
|------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Visual saliency-based vehicle manufacturer recognition using autoencoder pre-training deep neural networks.....</b> | <b>346</b> |
|------------------------------------------------------------------------------------------------------------------------|------------|

*Jiang Zhang (Beihang University, P.R. China)*

*Yao Zhao (Beihang University, P.R. China)*

*Fuqiang Zhou (Beihang University, P.R. China)*

*Ming Chi (Beihang University, P.R. China)*

**13:30 - 14:30**

**SPECIAL SESSION: Image Analysis and Processing**

**Meeting Room 8**

**Chairs:** Dangxiao Wang (Beihang University, P.R. China)

*Fuqiang Zhou (Beihang University, P.R. China)?*

|                                                                                                 |            |
|-------------------------------------------------------------------------------------------------|------------|
| <b>Analysis of Correlation Between Image Texture and Friction Coefficient of Materials.....</b> | <b>352</b> |
|-------------------------------------------------------------------------------------------------|------------|

*Pengzhi Zhang (Beihang University, P.R. China)*

*Dangxiao Wang (Beihang University, P.R. China)*

*Yuru Zhang (Beihang University, P.R. China)*

|                                                                                                                                         |            |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Global Calibration Approach for 3D Vision System Carried by Moving Robot Used for Measuring Inner Surface of Long Pipeline .....</b> | <b>358</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------|

*Ming Chi (Beihang University, P.R. China)*

*Haishu Tan (Foshan University, P.R. China)*

*Fuqiang Zhou (Beihang University, P.R. China)*

*Xin Chen (Beihang University, P.R. China)*

|                                                                             |            |
|-----------------------------------------------------------------------------|------------|
| <b>Train Wheel Tread Defects Detection Based on Image Registration.....</b> | <b>363</b> |
| <i>Shoulu Lv (Beihang University, P.R. China)</i>                           |            |
| <i>Fuqiang Zhou (Beihang University, P.R. China)</i>                        |            |
| <i>Zhenzhong Wei (Beihang University, P.R. China)</i>                       |            |

|                                                                                     |  |
|-------------------------------------------------------------------------------------|--|
| <b>14:30 - 15:45</b>                                                                |  |
| <b>SPECIAL SESSION: Tomographic Devices: Clinical and Industrial Applications</b>   |  |
| <b>Meeting Room 2</b>                                                               |  |
| <b>Chairs:</b> Hancong Wu (University of Edinburgh, United Kingdom (Great Britain)) |  |
| <i>Xinwu Li (Chinese Academy of Sciences, P.R. China)</i>                           |  |

|                                                                                                        |            |
|--------------------------------------------------------------------------------------------------------|------------|
| <b>Phase aberration correction by bent-ray tracing method for ultrasound computed tomography .....</b> | <b>367</b> |
| <i>Xiaolei Qu (Beihang University, P.R. China)</i>                                                     |            |
| <i>Takashi Azuma (The University of Tokyo, Japan)</i>                                                  |            |
| <i>Shangchun Fan (Beihang University, P.R. China)</i>                                                  |            |

|                                                                                                                            |            |
|----------------------------------------------------------------------------------------------------------------------------|------------|
| <b>Imaging cell-drug response in 3D bioscaffolds by electrical impedance tomography .....</b>                              | <b>373</b> |
| <i>Hancong Wu (Agile Tomography Group, School of Engineering, University of Edinburgh, United Kingdom (Great Britain))</i> |            |
| <i>Yunjie Yang (University of Edinburgh, United Kingdom (Great Britain))</i>                                               |            |
| <i>Pierre Bagnaninchi (The University of Edinburgh, United Kingdom (Great Britain))</i>                                    |            |
| <i>Jiabin Jia (University of Edinburgh, United Kingdom (Great Britain))</i>                                                |            |

|                                                                                                                    |            |
|--------------------------------------------------------------------------------------------------------------------|------------|
| <b>Imaging and detection of cracks based on a multi-frequency electromagnetic scanning instrument and SVM.....</b> | <b>378</b> |
| <i>Liyuan Yin (Kunming University of Science and Technology, P.R. China)</i>                                       |            |
| <i>Jiande Wu (Kunming University of Science and Technology, P.R. China)</i>                                        |            |
| <i>Bo Ye (Kunming University of Science and Technology, P.R. China)</i>                                            |            |
| <i>Jorge Salas Avila (The University of Manchester, United Kingdom)</i>                                            |            |
| <i>Hanyang Xu (The University of Manchester, United Kingdom)</i>                                                   |            |
| <i>Kin Yau How (The University of Manchester, United Kingdom)</i>                                                  |            |
| <i>Yang Tao (The University of Manchester, United Kingdom)</i>                                                     |            |
| <i>Wuliang Yin (The University of Manchester, United Kingdom)</i>                                                  |            |

|                                                                             |            |
|-----------------------------------------------------------------------------|------------|
| <b>A New Discontinuous Synthetic Aperture Radar Imaging Framework .....</b> | <b>383</b> |
| <i>Yan Wang (Tsinghua University, P.R. China)</i>                           |            |
| <i>Jian Yang (Tsinghua University, P.R. China)</i>                          |            |
| <i>Jingwen Li (Beihang University, P.R. China)</i>                          |            |

|                                                                                                           |            |
|-----------------------------------------------------------------------------------------------------------|------------|
| <b>Sparse reconstruction-based SAR Tomography and It's Application .....</b>                              | <b>389</b> |
| <i>Xinwu Li (Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences, P.R. China)</i>  |            |
| <i>Xing Peng (Institute of Remote Sensing and Digital Earth, Chinese Academy of Sciences, P.R. China)</i> |            |
| <i>Lei Liang (the Institute of Remote Sensing and Digital Earth, CAS, P.R. China)</i>                     |            |

|                                                                                          |  |
|------------------------------------------------------------------------------------------|--|
| <b>14:30 – 15:45</b>                                                                     |  |
| <b>Imaging Sensors and Detectors II</b>                                                  |  |
| <b>Meeting Room 3</b>                                                                    |  |
| <b>Chairs:</b> Xinguo Wei (Beijing University of Aeronautics & Astronautics, P.R. China) |  |
| <i>Nvjie Ma (Guangdong University of Technology, P.R. China)</i>                         |  |

|                                                                                                                  |            |
|------------------------------------------------------------------------------------------------------------------|------------|
| <b>Magneto-Optical Imaging Characteristics of Weld Defects under Alternating Magnetic Field Excitation .....</b> | <b>394</b> |
| <i>Nvjie Ma (School of Electromechanical Engineering, Guangdong University of Technology, P.R. China)</i>        |            |
| <i>Xiangdong Gao (Guangdong University of Technology, P.R. China)</i>                                            |            |
| <i>Yaowu Song (Guangdong University of Technology, P.R. China)</i>                                               |            |
| <i>Nanfeng Zhang (Guangdong University of Technology, P.R. China)</i>                                            |            |

|                                                                    |            |
|--------------------------------------------------------------------|------------|
| <b>Rapid Preprocessing of FMCW GB-SAR Echo Based on FPGA .....</b> | <b>399</b> |
|--------------------------------------------------------------------|------------|

Hesheng Pu (Chongqing Three Gorges University, P.R. China)

Zefu Tan (China University of Mining and Technology, P.R. China)

Tian Weiming (Beijing Institute of Technology, P.R. China)

Cheng Hu (Beijing Institute of Technology, P.R. China)

|                                                                                      |            |
|--------------------------------------------------------------------------------------|------------|
| <b>SAR Imaging of Thick Composite Structures using Circular Aperture Probe .....</b> | <b>404</b> |
|--------------------------------------------------------------------------------------|------------|

Xingyu Xie (Khalifa University of Science and Technology, United Arab Emirates)

Mohammed Rahman (Khalifa University-The Petroleum Institute, United Arab Emirates)

Mohamed A Abou-Khousa (Khalifa University of Science and Technology & Petroleum Institute, United Arab Emirates)

|                                                                       |            |
|-----------------------------------------------------------------------|------------|
| <b>Parameters optimization of image sensor for star sensors .....</b> | <b>409</b> |
|-----------------------------------------------------------------------|------------|

Yuan Fang Liao (Beihang University, P.R. China)

Xinguo Wei (Beijing University of Aeronautics & Astronautics, P.R. China)

Gangyi Wang (Beihang University, P.R. China)

Jian Li (Beihang University, P.R. China)

**14:30 – 15:45**

**Super Resolution Imaging**

**Meeting Room 8**

**Chairs:** Junaid Ahmed (Eastern Mediterranean University, Gazimagusa, via Mersin 10, Turkey)

Ningchao Diao (Tsinghua University, P.R. China)

|                                                                                     |
|-------------------------------------------------------------------------------------|
| <b>Improving Fourier Ptychographic Microscopy by Spatially Distributed Exposure</b> |
|-------------------------------------------------------------------------------------|

|                   |                                    |
|-------------------|------------------------------------|
| <b>Time .....</b> | <b>Not available at production</b> |
|-------------------|------------------------------------|

Ningchao Diao (Tsinghua University, P.R. China)

|                                                                                                              |            |
|--------------------------------------------------------------------------------------------------------------|------------|
| <b>Coupled K-SVD Dictionary Learning Algorithm in Wavelet Domain for Single Image Super-Resolution .....</b> | <b>415</b> |
|--------------------------------------------------------------------------------------------------------------|------------|

Junaid Ahmed (Eastern Mediterranean University, Gazimagusa, via Mersin 10, Turkey)

Gulsher Baloch (Eastern Mediterranean University, Turkey)

Huseyin Ozkaramanli (Eastern Mediterranean University, Turkey)

|                                                                                             |            |
|---------------------------------------------------------------------------------------------|------------|
| <b>Coupled Directionally Structured Dictionaries for Single Image Super-Resolution.....</b> | <b>420</b> |
|---------------------------------------------------------------------------------------------|------------|

Junaid Ahmed (University of Electronic Science and Technology, P.R. China)

Gulsher Baloch (Eastern Mediterranean University, Turkey)

Anam Bhatti (Liaquat University of Medical and Health Sciences, Pakistan)

Reinhard Klette (Auckland University of Technology, New Zealand)

|                                                                                                     |            |
|-----------------------------------------------------------------------------------------------------|------------|
| <b>Improved Dictionary Learning Algorithm with Mappings for Single Image Super-Resolution .....</b> | <b>426</b> |
|-----------------------------------------------------------------------------------------------------|------------|

Fayaz Ali Dharejo (University of Electronic Science and Technology, P.R. China & Indus University, Karachi, Pakistan)

Zongbo Hao (University of Electronic Science and Technology, P.R. China)

Anam Bhatti (Liaquat University of Medical and Health Sciences, Pakistan)

Mairaj Nabi Bhatti (Shaheed Benazir Bhutto University, Pakistan)

Junaid Ahmed (Sukkur IBA University, Pakistan)

Munsif Ali Jatoi (Indus University Karachi Pakistan, P.R. China)

|                                                                                             |            |
|---------------------------------------------------------------------------------------------|------------|
| <b>Wavelet Domain Based Directional Dictionaries for Single Image Super-Resolution.....</b> | <b>432</b> |
|---------------------------------------------------------------------------------------------|------------|

Junaid Ahmed (University of Electronic Science and Technology, P.R. China)

Bin Gao (University of Electronic Science and Technology, P.R. China)

Gui Yun Tian (University of Electronic Science and Technology, P.R. China)

**15:45 - 16:45**

**Autonomous Aerial and Underwater Imaging Systems and Compressive Sensing Imaging**  
**Meeting Room 2**

**Chairs:** Scott Tancock (University of Bristol, United Kingdom (Great Britain))  
Zelong Xiao (Nanjing University of Science and Technology, P.R. China)

**Real-Time Stereo Vision for Collision Detection on Autonomous UAVs ..... 438**

Aleksandar Stanoev (University of Bristol, United Kingdom (Great Britain))  
Nicolas Audinet (University of Bristol, United Kingdom (Great Britain))  
Scott Tancock (University of Bristol, United Kingdom (Great Britain))  
Naim Dahnoun (University of Bristol, United Kingdom (Great Britain))

**Designing a Small-sized Autonomous Underwater Vehicle Architecture for Regular Periodic Fish-cage Net Inspection ..... 444**

Vaggelis Chalkiadakis (Hellenic Centre for Marine Research, Greece)  
Nikos Papandroulakis (Hellenic Centre for Marine Research, Greece)  
George Livanos (Technical University of Crete, Greece)  
Konstantia Moirogiorgou (TUC/Electronic and Computer Engineering, Greece)  
George C Giakos (Manhattan College, USA)  
Michalis Zervakis (Technical University of Crete, Greece)

**A Coding Method for Single-channel Passive Millimeter Wave Imaging Based on Cyclic S Matrix ..... 450**

Zelong Xiao (Nanjing University of Science and Technology, P.R. China)  
Caoyang Fan (Nanjing University of Science and Technology, P.R. China)  
Ruoling Xiao (Nanjing University of Science and Technology, P.R. China)  
Yuankai Wang (Nanjing University of Science and Technology, P.R. China)  
Xuan Lu (NanJing University of Science And Technology, P.R. China)

**Distributed Compressive Sensing for Multi-Baseline Circular SAR Image formation ..... 455**

Masoud Farhadi (School of Electronic and Information Engineering, Beihang University, P.R. China)  
Jie Chen (School of Electronics and Information Engineering, Beihang University, P.R. China)

**15:45 – 16:45**

**Simulations and Measurements II**

**Meeting Room 3**

**Chairs:** Panagiotis Koulountzios (Technical University of Crete, Greece)  
Yijie Huang (Guangdong University of Technology, P.R. China)

**Visual Inspection of Pulsed Nd:YAG Laser Welding of PMMA and Stainless Steel 304 ..... 461**

Yijie Huang (Guangdong University of Technology, P.R. China)  
Xiangdong Gao (Guangdong University of Technology, P.R. China)  
Yaowu Song (Guangdong University of Technology, P.R. China)  
Nanfeng Zhang (Guangdong University of Technology, P.R. China)  
Nvjie Ma (School of Electromechanical Engineering, Guangdong University of Technology, P.R. China)

**A semi-automatic algorithm for reconstruction and NURBS surface generation of thoracic aorta ..... 467**

Panagiotis Koulountzios (Technical University of Crete, Greece)  
Michalis Zervakis (Technical University of Crete, Greece)  
Panagiotis Karakitsios (National Technical University of Athens, Greece)  
George Stavroulakis (Technical University of Crete, Greece)

**Convolutional neural network and adaptive guided image filter based stereo matching ..... 473**

Sihan Wen (Beihang University, P.R. China)

**Applied Microwave Imaging of Composite Structures Using Open-Ended Circular Waveguides ..... 479**

Muhammed Shafi K. T. (Khalifa University-The Petroleum Institute, United Arab Emirates)

Mohammed Rahman (Khalifa University-The Petroleum Institute, United Arab Emirates)

Mohamed A Abou-Khousa (Khalifa University-The Petroleum Institute, United Arab Emirates)

Mohammad Ramzi (Khalifa University-The Petroleum Institute, United Arab Emirates)

**15:45 – 16:45**

**Simulations and Measurements I**

**Meeting Room 8**

**Chairs:** Yixin Ma (Shanghai Jiao Tong University, P.R. China)

Sihan Wen (Beihang University, P.R. China)

**Simulation on applying Gabor filtering method to direct laser absorption spectroscopy..... 484**

HaiBin Cui (Zhejiang University & College of Energy Engineering, P.R. China)

Fei Wang (Zhejiang University, P.R. China)

**Correcting Ionospheric and Orbital Errors in Spaceborne SAR Differential Interferograms ..... 489**

Kamel Hasni (Center of Space Techniques, Algeria)

Jie Chen (School of Electronics and Information Engineering, Beihang University, P.R. China)

Wei Guo (Beihang University, P.R. China)

**Thoracic Impedance Measurement for Lung Function Evaluation ..... 494**

Yixin Ma (Shanghai Jiao Tong University, P.R. China)

Hua Li (Shanghai Jiao Tong University, P.R. China)

Hang Xu (Shanghai Jiao Tong University, P.R. China)

Peng Qin (Shanghai Jiao Tong University, P.R. China)

Xiaojun Ji (Shanghai Jiao Tong University, P.R. China)

Tao Han (Shanghai Jiao Tong University, P.R. China)

Ping Cai (Shanghai Jiao Tong University, P.R. China)

Hui Qin (Shanghai Jiao Tong University, P.R. China)

**Sparse inverse covariance network-based modeling for mild cognitive impairment classification ..... 499**

Jie Huang (Beihang University, P.R. China)

Yang Li (Beihang University, P.R. China)

**16:00 – 18:00**

**Poster Session**

**Face Illumination Invariant Feature Extraction Based on Edge Detection Operator ..... 504**

Wenyi Xiong (Chongqing Three Gorges University, P.R. China)

Xiangfei Nie (Chongqing Three Gorges University, P.R. China)

Xing Zou (Chongqing Three Gorges University, P.R. China)

Xue He (Yunnan Water Resources Hydropower Vocational College China, P.R. China)

Zhijun Yang (Chongqing Three Gorges University, P.R. China)

**Real time imaging processing of ground-based SAR based on multicore DSP ..... 509**

Zhijun Yang (Chongqing Three Gorges University, P.R. China)

Xiangfei Nie (Chongqing Three Gorges University, P.R. China)

Tian Weiming (Beijing Institute of Technology, P.R. China)

Wenyi Xiong (Chongqing Three Gorges University, P.R. China)

Xiaowei Niu (Chongqing Three Gorges University, P.R. China)

**17:00 - 17:45**

**Image Segmentation II**

**Room: Meeting Room 2**

**Chairs:** Sotirios Diamantas (University of Nevada, Reno, USA)

Jinyu Yang (Beihang University, P.R. China)

**The Research of Face Detection Method Based on Adaboost Algorithm and Skin Color Segmentation ..... 514**

*Chang Liu (Beihang University, P.R. China)*

**Localize Car Door Handles with Image Segmentation and Saliency Detection ..... 519**

*Fan Zhang (Beihang University, P.R. China)*

*Mengchao Hao (Beihang University, P.R. China)*

*Muyang Liu (Beihang University, P.R. China)*

*Jinyu Yang (Beihang University, P.R. China)*

**Modeling Pixel Intensities with Log-Normal Distributions for Background Subtraction ..... 525**

*Sotirios Diamantas (University of Nevada, Reno, USA)*

*Kostas Alexis (University of Nevada, Reno, USA)*

**17:00 – 17:45**

**Applications of Medical Image Processing**

**Meeting Room 3**

**Chairs:** George C Giakos (Manhattan College, USA)

Fengying Xie (Image Processing Center, Beihang University, P.R. China)

**Application of SVM Based on Genetic Algorithm in Classification of Cataract Fundus Images ..... 531**

*Zhiqiang Qiao (Beijing University of Posts and Telecommunications, P.R. China)*

*Qinyan Zhang (Beijing University of Posts and Telecommunications, P.R. China)*

*Yanyan Dong (Beijing University of Posts and Telecommunications, P.R. China)*

*Ji-Jiang Yang (Tsinghua University, P.R. China)*

**A tissue classification approach for brain tumor segmentation using MRI ..... 536**

*Vasileios Pezoulas (Technical University of Crete, Greece)*

*Ifigeneia Pologiorgi (Technical University of Crete, Greece)*

*Stavros Seferlis (Chania General Hospital Agios Georgios, Greece)*

*Georgios Tsalikis (Chania General Hospital Agios Georgios, Greece)*

*Georgios Zarifis (Chania General Hospital Agios Georgios, Greece)*

*George C Giakos (Manhattan College, USA)*

*Michalis Zervakis (Technical University of Crete, Greece)*

**Multi-classification of skin diseases for dermoscopy images using deep learning..... 542**

*Hangning Zhou (Image Processing Center, Beihang University, P.R. China)*

*Fengying Xie (Image Processing Center, Beihang University, P.R. China)*

*Zhiguo Jiang (Image Processing Center, Beijing University of Aeronautics and Astronautics, P.R. China)*

*Jie Liu (Peking Union Medical College Hospital, P.R. China)*

*Shiqi Wang (Peking Union Medical College Hospital, P.R. China)*

*Chenyu Zhu (Peking Union Medical College Hospital, P.R. China)*

**17:00 – 17:45**

**Feature Extraction and Classification**

**Meeting Room 8**

**Chairs:** Syed Muhammad Anwar (University of Engineering and Technology Taxila, Pakistan) & Chang Xiao Min (Tianjin University of Science and Technology, P.R. China)

**Homogeneity Patch Search Method for Efficient Vehicle Color Classification Using Front-of-Vehicle Image ..... 547**

*Daejin Park (Kyungpook National University (KNU), Korea)*

*Yoosoon Jeong (Kyungpook National University (KNU), Korea)*

*Kil Houn Park (Kyungpook National University (KNU), Korea)*

**Electrocardiogram Signal Classification to Detect Arrhythmia with Improved Features ..... 552**

*Maheen Gul (University of Engineering and Technology, Taxila, Pakistan)*

*Syed Muhammad Anwar (University of Engineering and Technology Taxila & Signal, Image, Multimedia Processing and Learning, Pakistan)*

*Muhammad Majid (University of Engineering and Technology Taxila, Pakistan)*

**Feature Extraction of Lung Ventilation by Biomedical Electrical Impedance Tomography ..... 558**

*Chen Xiao Yan (Tianjin University of Science and Technology, P.R. China)*

*Chang Xiao Min (Tianjin University of Science and Technology, P.R. China)*

## Friday, October 20

08:45 – 10:00

### SPECIAL SESSION: Medical Imaging: Devices, Image Analysis and Processing

Meeting Room 2

Chair: Andrzej Skalski (AGH University of Science and Technology, Poland) & Jianguo Ma (Beihang University, P.R. China)

#### Breast Cancer Detection by Microwave Imaging System using Wearable Conformal Antenna Array ..... 563

Fengzhou Wang (University of Edinburgh, United Kingdom (Great Britain))

Tughrul Arslan (University of Edinburgh & Sensewhere Ltd., United Kingdom (Great Britain))

Guohua Wang (Beihang University, P.R. China)

#### An algorithm for evaluating inter- and intra-observer variability of boundary delineation providing local information about deviation for anisotropic image data ..... 569

Andrzej Skalski (AGH University of Science and Technology, Poland)

#### Ultrasonic Spectral Analysis for Biomedical Imaging ..... 574

Jianguo Ma (Beihang University, P.R. China)

Min Wei (Beihang University, P.R. China)

Boya Chen (Beijing Anzhen Hospital of Capital Medical University, P.R. China)

Zijie Fang (Beihang University, P.R. China)

Yulin Liu (Beijing Anzhen Hospital of Capital Medical University, P.R. China)

Jie Du (Beijing Anzhen Hospital of Capital Medical University, P.R. China)

Lijun Xu (Beihang University, P.R. China)

#### A CNN Based Volumetric Imaging Method With Single X-ray Projection ..... 577

Ran Wei (Beihang University, P.R. China)

Fugen Zhou (Beihang University, P.R. China)

Bo Liu (Beihang University, P.R. China)

Bin Liang (Beihang University, P.R. China)

Bin Guo (Beihang University, P.R. China)

Xuangang Xu (Beihang University, P.R. China)

#### Fully automated identification of heart sounds for the analysis of cardiovascular pathology ..... Not available at production

Sidra Ghafoor (Bahria University, Pakistan)

Muhammad Usman Akram (CEME NUST, Pakistan)

Ammara Nasim (Bahria University, Pakistan)

Taimur Hassan (Bahria University, Islamabad, Pakistan)

08:45 – 10:00

### SPECIAL SESSION: Tomographic Devices: Clinical and Industrial Applications I

Meeting Room 3

Chairs: Yunjie Yang (University of Edinburgh, United Kingdom (Great Britain)) & Yanbin Xu (Tianjin University, P.R. China)

#### Effect of Parasitic Resistance in Electrical Resistance Tomography with Voltage Excitation ..... 583

Marco Antonio Rodriguez Frias (University of Manchester, United Kingdom (Great Britain))

Wuqiang Yang (The University of Manchester, United Kingdom (Great Britain))

#### Simulation Study of Scaffold 3D Cell Culture Imaging Using A Miniature Planar EIT Sensor ..... 589

Yunjie Yang (University of Edinburgh, United Kingdom (Great Britain))

Hancong Wu (Agile Tomography Group, School of Engineering, University of Edinburgh, United Kingdom (Great Britain))

Jiabin Jia (University of Edinburgh, United Kingdom (Great Britain))

|                                                                                                                                        |            |
|----------------------------------------------------------------------------------------------------------------------------------------|------------|
| <b>A New Regularization Method for Electrical Impedance Tomography .....</b>                                                           | <b>595</b> |
| <i>Bing Han (Tianjin University, P.R. China)</i>                                                                                       |            |
| <i>Yanbin Xu (Tianjin University, P.R. China)</i>                                                                                      |            |
| <i>Feng Dong (Tianjin University, P.R. China)</i>                                                                                      |            |
| <b>A fast iterative p-thresholding algorithm for sparse reconstruction of electrical tomography .....</b>                              | <b>601</b> |
| <i>Zheng Wang (Tianjin University, P.R. China)</i>                                                                                     |            |
| <i>Yanbin Xu (Tianjin University, P.R. China)</i>                                                                                      |            |
| <i>Feng Dong (Tianjin University, P.R. China)</i>                                                                                      |            |
| <b>Construction of Sensitivity Matrix Involving Location Information for Ultrasound Modulated Electrical Impedance Tomography.....</b> | <b>607</b> |
| <i>Shengnan Zhang (Tianjin University, P.R. China)</i>                                                                                 |            |
| <i>Yanbin Xu (Tianjin University, P.R. China)</i>                                                                                      |            |
| <i>Feng Dong (Tianjin University, P.R. China)</i>                                                                                      |            |
| <b>08:45 – 10:00</b>                                                                                                                   |            |
| <b>Remote Sensing, Ladars, Lidars and Electromagnetic Scattering</b>                                                                   |            |
| <b>Meeting Room 8</b>                                                                                                                  |            |
| <b>Chairs:</b> Xiaolu Li (Beihang University, P.R. China)                                                                              |            |
| Ekin Arabul (University of Bristol, United Kingdom (Great Britain))                                                                    |            |
| <b>Leaf Moisture Content Measurement using Polarized Active Imaging LiDAR .....</b>                                                    | <b>613</b> |
| <i>Xinhao Xie (Beihang University, P.R. China)</i>                                                                                     |            |
| <i>Lijun Xu (Beihang University, P.R. China)</i>                                                                                       |            |
| <i>Xiaolu Li (Beihang University, P.R. China)</i>                                                                                      |            |
| <b>Variable Parameter Estimation of SAR Signal Based on Compression Sensing.....</b>                                                   | <b>619</b> |
| <i>Shuai Gao (Beihang University, P.R. China)</i>                                                                                      |            |
| <i>Huaping Xu (Beihang University, P.R. China)</i>                                                                                     |            |
| <i>Xue Qiu (National University of Defense Technology, P.R. China)</i>                                                                 |            |
| <i>Bo Yang (Beihang University, P.R. China)</i>                                                                                        |            |
| <b>Polarimetric SAR Oil Spill Detection based on Deep Networks.....</b>                                                                | <b>624</b> |
| <i>Guandong Chen (Beijing University of Technology, P.R. China)</i>                                                                    |            |
| <i>Yu Li (Beijing University of Technology, P.R. China)</i>                                                                            |            |
| <i>Guangmin Sun (Beijing University of Technology, P.R. China)</i>                                                                     |            |
| <i>Yuanzhi Zhang (National Astronomical Observatories, P.R. China)</i>                                                                 |            |
| <b>Precise Multi-Channel Timing Analysis System for Multi-Stop LIDAR Correlation .....</b>                                             | <b>629</b> |
| <i>Ekin Arabul (University of Bristol, United Kingdom (Great Britain))</i>                                                             |            |
| <i>Ayoub Girach (University of Bristol, United Kingdom (Great Britain))</i>                                                            |            |
| <i>John Rarity (University of Bristol, United Kingdom (Great Britain))</i>                                                             |            |
| <i>Naim Dahnoun (University of Bristol, United Kingdom (Great Britain))</i>                                                            |            |
| <b>3-D SAR Imaging Algorithm Application in Blast Furnace Stock Lines.....</b>                                                         | <b>635</b> |
| <i>Jiangying Li (University of Science and Technology Beijing, P.R. China)</i>                                                         |            |
| <i>Xianzhong Chen (University of Science and Technology Beijing, P.R. China)</i>                                                       |            |
| <i>Qingwen Hou (University of Science and Technology Beijing, P.R. China)</i>                                                          |            |
| <i>Zhengpeng Wang (Beihang University, P.R. China)</i>                                                                                 |            |

**10:00 - 10:45**

**Modeling and Applications in imaging**

**Meeting Room 2**

**Chair:** Deming Wang (Tianjin Polytechnic University, P.R. China)

**Application of self-adaptive generalized predictive control in the spinning process of absorbable suture ..... 641**

*Xiuwu Sui (School of Mechanical Engineering, Tianjin Polytechnic University, P.R. China)*

*Deming Wang (Tianjin Polytechnic University, P.R. China)*

*Shuo Wang (School of Mechanical Engineering, Tianjin Polytechnic University, P.R. China)*

*Yang Zhang (Tianjin Polytechnic University, P.R. China)*

*Yao Li (Tianjin Polytechnic Ucaniversity, P.R. China)*

**An Image Processing Approach for Characterizing Working Frequency of Pulse Combustion..... 647**

*Lijun Xu (Beihang University, P.R. China)*

*Fangyan Li (Beihang University, P.R. China)*

**10:00 – 10:45**

**Image Registration and Image Restoration**

**Meeting Room 3**

**Chairs:** Manhua Liu (Shanghai Jiao Tong University, P.R. China)

*Jie Jiang (Beihang University, P.R. China)*

**Remote Sensing Image Registration Based on Feature Points of Global Edge ..... 652**

*Siying Liu (Beihang University, P.R. China)*

*Jie Jiang (Beijing University of Aeronautics & Astronautics, P.R. China)*

**A motion deblurring method of a light field camera ..... 658**

*Lijuan Su (Beihang University, P.R. China)*

*Tiansheng Zhang (Beihang, P.R. China)*

*Yan Yuan (Beihang University, P.R. China)*

**Alzheimer's Disease Classification Based on Combination of Multi-model Convolutional Networks ..... 663**

*Fan Li (Shanghai Jiao Tong University, P.R. China)*

*Danni Cheng (Shanghai Jiao Tong University, P.R. China)*

*Manhua Liu (Shanghai Jiao Tong University, P.R. China)*

**Face Recognition Based in Geodesic Distance Approximations Between Multivariate Normal Distributions ..... 668**

*John Soldera (UFRGS, Brazil)*

*Kit Dodson (University of Manchester, Brazil)*

*Jacob Scharcanski (UFRGS, Brazil)*

**Author Index ..... 685**