Yanhua Pei 裴炎花

PhD Student

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Education

- PhD of Computer Science and Technology

  Macau University, Macau   2019.01 – Present

- Master of Mechanical and Electronic Engineering

  Xi'an Jiaotong University，Xi'an   2006.09~2009.04

- Bachelor of Measurement and Control Technology and Instrument

  Xi'an University of Technology，Xi'an   2002.09~2006.07

Projects

- Programming the software for point cloud noise reduction, analyzing multiple algorithms of noise reduction.

  Machine tool and Plastic processing research Institute   2007.01~2008.09

- Big Data Acquisition Platform (The National Project) Cooperate with National Institute of Metrology, building the data acquisition platform, collecting information of various electronic instrument, analyzing the past measuring data, providing customers with reference.

- South China National Metrology and Testing Center   2014.03~2016.12

Research Interests

- Dynamic mechanism design and resource allocation in wireless sensor networks.

- Resource allocation and scheduling in broadband wireless networks.

Selected Awards & Honors

- "Individual Scholarship" (2003)

- "Individual Scholarship" (2004)

- "Individual Scholarship" (2005)

- "School Three Goods Student" (2005)

- "School Excellent party members" (2008)

Publications

- The application of wavelet denoising in ECG simulator calibration

  Yanhua Pei. Enterprise Standardization, 2012(07).

- Research on calibration method of DC gain in digital 0scilloscope

  Wengang Liu, Yanhua Pei, Hong Zhang, Zhifang Chang. Great science and
  technology, 2015(21).

- 《JJF 1495-2014 Calibration specification for vector network analyzer analysis and
  difficult solution》

  Sheng Chen, Yanhua Pei, Zhizhong Zhong. Wireless Interconnect Technology,
  2017(12):69-70.

- Research on waveform parameter calibration method of new surge standard

  Wengang Liu, Hong Zhang, Yanhua Pei, Zhifang Chang. Metering technology,
  2017(4):43-45.

Academic Services

- Assist with the preparation for muti-dimensional heterogeneous sensing system in
  research group.

- Participate in 2019 Annual academic conference of IOTSC.

- Participate lots of seminars that hold by IOTSC.