



**Shaojie Wang**

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## HIGHLIGHTS

- Good knowledge in Remote Intelligent Control System, Sensors and Signal Processing Technology.
- Strong Self-motivation, responsibility and teamwork.

## EDUCATION

- 12/2016 – Present **University of Cincinnati**  
**Post-doc Fellow** NSF I/UCRCC enter for Intelligent Maintenance Systems(IMS)
- 02/2016 – 08/2016 **University of Cincinnati**  
**Visiting Scholar** NSF I/UCRCC enter for Intelligent Maintenance Systems(IMS)
- 09/2011 – 02/2016 **Xiamen University**  
**Ph.D.** Department of Mechanical and Electrical Engineering
- 09/2009 - 07/2011 Xiamen University  
**M.S.** Department of Mechanical and Electrical Engineering
- 09/2005 - 07/2009 **Xiamen University**  
**B.Eng.** Department of Mechanical and Electrical Engineering

## CURRENT RESEARCH EXPERIENCES AT IMS CENTER

- **PHM-Ready Smart Box for Predictive Analytics**  
Develop a smart box to transform raw data into actionable information for prognostics to support decision making.

## PREVIOUS EXPERIENCES

- **Mar. 2010 – Feb. 2013** Major Learning and Production Technology Projects of Fujian Province: “Industry research and development of vacuum insulation panels online mini vacuum measurement components”, no. 2010H6025.
- **Jan. 2013 – Dec. 2015** National Key Technology Research and Development Program of the Ministry of Science and Technology of China during the “12th Five-Year Plan”: “The R&D of Integrated intelligent for energy saving and safety of engineering machinery and equipment”, no. 2013BAF07B04.

## PUBLICATIONS

- **WANG S J**, HOU L, HUANG H T, et al. Application of optimal shift control strategy on human intelligent fuzzy control[J]. Journal of Xiamen University (Natural Science), 2016, 55(1):131-136.
- **Wang S J**, Feng Y J, Huang Y Q, et al. A Piezoresistive Sensor for Measuring Tongue Pressure[J]. Chinese Journal of Electronics, 2016, 25(1): 77-80.
- **Wang S J**, Feng Y J, Huang Y Q, et al. A new method of rapid quality detection of vacuum insulation panels[J]. Science China Technological Sciences, 2014: 1-8.
- **Shaojie W**, Yongjian F, Yuanqing H, et al. Pressure Measurement of Vacuum Insulation Panel with Infrared Spectroscopy[J]. Chinese Journal of Vacuum Science and Technology, 2013, 11: 004.

## PATENTS

- **Wang Shaojie**, Feng Yongjian. A small medical pressure sensor for measuring tongue pressure. Invention Patent, CN201410460824.7
- Hou Liang, **Wang Shaojie**. Shift control device of engineering vehicle. Invention Patent, CN201410448995.8
- Hou Liang, **Wang Shaojie**. Shift control system software of construction vehicle. Software Copyright, 2014R11S156012
- Hou Liang, **Wang Shaojie**. Data acquisition system software of construction vehicle. Software Copyright, 2014R11S153591

## SPECIAL SKILLS

C/C++, C#, MATLAB, ARM, PROTEL