信息科学技术学院教师简介（参考模板）

内容填写可参照下方链接（导师风采）

http://202.118.83.94:85/static/teacher.html

姓名：史晓非

性别：男

所在学科：信息与通信工程

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个人简介

史晓非,男，1974 年 5 月出生，博士,副教授。2005 年 5 月，毕业于大连海事大学通信与信息系统专业，获工学博士学位。主要从事数字信号处理、遥感图像处理、机器学习和 FPGA 应用技术领域的研究工作。发表论文 20 余篇,2 篇 SCI 检索,14 篇 EI 检索，核心期刊 9 篇。主持和参与多项科研项目，目前在研 1 项。发明专利 1 项,实用新型专利 1 项。
学术兼职：国内包括电子学报等五个国家核心 A 类、B 类刊物审稿人，国外三个 SCI 期刊审稿人。

研究方向

1）机器学习理论
2）遥感图像处理
3）盲信号处理
4）FPGA 应用技术

论文及著作

附主要论文
期刊（EI 及 SCI）：
[1]Xiaofei Shi,Hongyu Chen et al, A Novel Coastline Detection Method of Remote Sensing Imagery with Local Gradient Based on Hybrid Active Contour Model, ICIC Express Letters, June 2015,9(16), 1-6.
[2] Xiaofei Shi, Tishuang Qiu, Li Li, A Novel ICA Algorithm Based on Parameterized Model, ICIC Express Letters, September 2012,6(9), 2357-2362, Accession number: 20123815447744

[3] 史晓非，刘人杰，苗瑞，一种峭度依赖的参数自适应盲分离算法，电子与信息学报，2006，28（11），2033－2036。EI：20070310361713
[4]史晓非，刘人杰，参数化自适应图像盲分离算法，传感技术学报，2005，18（4），919－922。EI：2005529613756
[5] Chang Liu, Xiaofei Shi, Study of AIS application for Vessel Traffic Service, 6th International Conference on Networked Computing, INC2010, Gyeongju, Republic of Korea, 34-37,EI: 20103013093147
[6] Liu, Chang; Shi, Xiaofei, Study of data fusion of AIS and radar, International Conference on Soft Computing and Pattern Recognition, SoCPaR 2009,674-677,EI: 20101012758330
[7] Liu Chang,Liu Renjie,Shi Xiaofei,Huang Yaoliang, Research of data fusion in viessel traffic service, Proceedings of the First International Symposium on Test Automation & Instrumentation, Vols 1-3.
[8]Li Li, Tianshuang Qiu,Xiaofei Shi, Cramér-Rao Bound for Parameter Estimation in Wideband Bistatic Multiple-Input Multiple-Output Radar, ICIC Express Letters, Part B: Applications, August 2012,3(4) , Accession number:20122615166596
[9] SONG YongXin, YANG JianDong, SHI XiaoFei, DC dielectrophoresis separation of marine algae and particles in a microfluidic chip，SCIENCE CHINA，Chemistry，April 2012， 55 （4）: 524–530.SCI

会议（EI 或 SCI）：
[1] Xiaofei Shi,Hong Liang,Lei Feng,Hongyu Chen,Blind Extraction Algorithm in Wavelet Domain Based on Structuring Observation Vectors, Proceedings of International Conference on Mobile Ad-hoc and Sensor Networks,Dalian,2013:577-581(EI 检索号: 20140917373839)
[2]Xiao-fei SHI,Ji-dong Suo,Chang Liu. A Novel Kurtosis-Dependent Parameterized Independent Component Analysis Algorithm, The Third International Symposium on Neural Networks : Advances in Neural Networks-ISNN 2006, Part I,LNCS 3971,pp.1127-1132,Springer-Verlag Berlin Heidelberg. SCI：000238112000166，EI：20062910011529
[3] Shi,X.F.;Suo,J.D.;Li,L.A Novel Adaptive Indepnedent Component Analysis Algorithm, IET International Conference on Wireless Mobile and Multimedia Networks Proceedings, ICWMMN 2006,1147-1150。EI；20072610669800
[4] Xiao-fei SHI, Ren-jie Liu, Yao-liang HUANG, A Kurtosis-dependent Parameterized Blind Source Separation Algorithm and Stability Analysis, The Eighth International Symposium on Signal Processing and its Applications (ISSPA-2005).Sydney，487-490. EI：20070910447761
[5]SHI Xiao-fei,LIU Ren-jie,LIU Xiao-ming,LI Li,A Blind Source Separation Algorithm Based on a Unifying Model, IEEE 2005 International Symposium on Microwave, Antenna, Propagation and EMC Technologies For Wireless Communications (MAPE 2005),Beijing, 2005,696-699.EI: 20070910458700
[6]Hongyu Chen,Xiaofei Shi,Lei Feng,Yuelong Zhang,Yanhua Li,A Novel Coastline Detection Algorithm Based On Modified Iterative Selection Method,2014 3rd International Symposium on Electrical & Electronics Engineering, Dalian,2014, accepted for publication，EI(源)
[7]Lei Feng,Xiaofei Shi,Hongyu Chen, Yanhua Li,Yuelong Zhang, A Novel Blind Watermark Extraction Algorithm Based On Nonsubsampled Contourlet Transform,2014 3rd International Symposium on Electrical & Electronics

Engineering, Dalian,2014, accepted for publication.(EI 源)
科研项目
[1]交通部应用基础研究项目：VTS 互联与运动目标连续跟踪研究。 [2]横向项目：烟大船港无线通信系统 [3]国家海洋局国家重点实验室基金：多时相遥感影像围填海变化自动检测方法研究