

## 2018~2019学年第2学期第13周学术活动安排(1)

序号	主办单位	时间	地点	报告题目	报告人	报告人 职称	报告人单位	联络人
沁湖讲堂之学术 (信息)第138讲	计算机学院	2019年5月20日 (周一)10:00-11:30	黄家湖校区教三 楼30404报告厅	Computational Urban Intelligence: A Long Road Ahead	Prof Sos Agaian	教授	美国圣安东尼 奥德克萨斯工 程大学	李波老师 027-68893531
沁湖讲堂之学术 (信息)第139讲	冶金自动化 与检测技术 教育部工程 研究中心、 信息科学与 工程学院	2019年5月21日 (周二)下午4:00	青山校区教十楼 四楼学术报告厅	JND Modeling: Approaches, Applications, and Research Challenges	Sos Agaian	教授	Dept. of Computer Science, College of Staten Island, City University of New York	吴老师 68862349

校科协

2018年5月16日

报告人简介

**Prof. Sos Agaian** , As the global population continues to grow and an increasing number of people move to big cities. United Nations cited that currently 50% of the people leaving in cities and 57% would be going there in 2025. The analysis of the urban data has drawn significant interest in some applications, such as disaster relief, military intelligence, regional planning, and urban expansion tracking in developing countries. There is a need for new approaches to process generated by a diversity of sources in urban environment information and provide analytical tools to support the smart urban design, planning, and management. This talk focuses on understanding the nature of urban imaging tools- how can we efficiently to process, integrate, and analysis of big and heterogeneous data generated by a diversity of sources in urban spaces, such as sensors, devices, vehicles, and human. Well describe a Non-Linear Optimized Contrast Stretching sytem and present future research directions in this exciting area.

**Prof. Sos Agaian** is a Distinguished Professor of Computer Science at College of Staten Island and the Graduate Center, CUNY. Prior to joining the City University of New York, Dr. Agaian was a Peter T. Flawn Professor of Electrical and Computer Engineering with the University of Texas at San Antonio. His main research interests are in Computational Vision and Machine Learning, Big and Small Data Analytics, Multimodal Biometric and Digital Forensics. He has authored over 600 peer-reviewed research papers, ten books, and nineteen edited proceedings. He is listed as a co-inventor on 44 patents/disclosures. Dr. Agaian was elected IEEE Fellow, SPIE Fellow. Dr. Agaian received his M.S. degree (summa cum laude) in Mathematics and Mechanics from Yerevan State University, Armenia; his Ph.D. in Mathematics and Physics from the Steklov Institute of Mathematics, Russian Academy of Sciences (RAS); and his Doctor of Engineering Sciences degree from the Institute of Control Systems, RAS. Refer (<http://www2.cuny.edu/about/alumni-students-faculty/faculty/distinguished-professors/>) for more of Sos Agaian.