



CCF上海浦江大讲堂系列 杰出讲者报告会

主办单位：CCF上海 / 上海市计算机学会

承办：上海市计算机学会网络专业委员会、复旦大学计算机学院

时间：2019 年 11 月 19 日（星期二）下午 14:30—16:30

地点：复旦大学张江校区软件楼 105 IBM 会议室（浦东新区张衡路 825 号）

内容：

- 1) 14:30-14:40, 复旦大学计算机学院 领导致辞
- 2) 14:40-14:50, CCF上海、上海市计算机学会 领导致辞
- 3) 14:50-15:00, 向吴杰教授颁发杰出讲者证书, 合影
- 4) 15:00-16:30, 吴杰教授报告

报告人：吴杰教授，美国天普大学 / Prof. Jie Wu (Temple University)

报告题目：Collaborative Mobile Charging: From Abstraction to Solution

报告摘要：Wireless energy charging using mobile vehicles has been a viable research topic recently in the area of wireless networks and mobile computing. This talk gives a short survey of recent research conducted in our research group in the area of collaborative mobile charging. In collaborative mobile charging, multiple mobile chargers work together to accomplish a given set of objectives. These objectives include charging sensors at different frequencies with a minimum number of mobile chargers and reaching the farthest sensor for a given set of mobile chargers, subject to various constraints, including speed and energy limits of mobile chargers. Testbed results are also given on the proposed mobile charging solutions. Through the process of problem formulation, solution construction, and future work extension for problems related to collaborative mobile charging and coverage, we present three principles for

good practice in conducting research, that is, select a simple problem, find an elegant solution, and use imagination for extension.

嘉宾简介:

Jie Wu is the Director of the Center for Networked Computing and Laura H. Carnell professor at Temple University. He also serves as the Director of International Affairs at College of Science and Technology. He served as Chair of Department of Computer and Information Sciences from the summer of 2009 to the summer of 2016 and Associate Vice Provost for International Affairs from the fall of 2015 to the summer of 2017. Prior to joining Temple University, he was a program director at the National Science Foundation and was a distinguished professor at Florida Atlantic University. His current research interests include mobile computing and wireless networks, routing protocols, cloud and green computing, network trust and security, and social network applications. Dr. Wu regularly publishes in scholarly journals, conference proceedings, and books. He serves on several editorial boards, including IEEE Transactions on Mobile Computing, IEEE Transactions on Service Computing, the Journal of Parallel and Distributed Computing, and the Journal of Computer Science and Technology. Dr. Wu was general co-chair for IEEE MASS 2006, IEEE IPDPS 2008, IEEE ICDCS 2013, ACM MobiHoc 2014, ICPP 2016, and IEEE CNS 2016, as well as program co-chair for IEEE INFOCOM 2011 and CCF CNCC 2013. He was an IEEE Computer Society Distinguished Visitor, ACM Distinguished Speaker, and chair for the IEEE Technical Committee on Distributed Processing (TCDP). Dr. Wu is a Fellow of the AAAS and a Fellow of the IEEE.

执行主席:

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