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## 副教授



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## 教育和工作背景

1996、2001、2007年分别于南京理工大学自动控制系、中国科学技术大学自动化系、清华大学自动化系获学士、硕士、博士学位，2007年至今，在复旦大学信息科学与工程学院电子工程系从事科研与教学工作。

## 研究方向

- 混合动态系统理论
- 调度与均衡控制理论与应用
- 工业控制与自动化
- 电力系统、智能建筑、计算机网络

## 课程教学

- 本科生课程: 电工实验, 数据采集与处理系统
- 研究生课程: 自适应系统理论与控制

## 代表性论文

1. Xingxuan Wang and Da-Zhong Zheng. Fuzzy Scheduling Strategy for Generalized Switched Server Systems and its Robustness over System Heterogeneity. *International Journal of Intelligent Systems*, 24 (3) (2009), pp. 252-271.
2. Xingxuan Wang and Da-Zhong Zheng. Load balancing control of furnace with multiple parallel passes. *Control Engineering Practice*, 15 (5) (2007), pp. 521-531.
3. Xingxuan Wang and Da-Zhong Zheng. Generalized difference control of parallel streams temperatures. *Journal of Process Control*, 16 (5) (2006), pp. 535-543.
4. Xingxuan Wang and Da-Zhong Zheng. Difference control of parallel streams temperatures. *Journal of Process Control*, 15 (5) (2005), pp. 531-536.
5. Xingxuan Wang and Da-Zhong Zheng. Generalized switched server systems and task balancing. In *Proceedings of the 2006 American Control Conference*, (Minneapolis, Minnesota USA, June 2006) pp. 680-685.

6. Xingxuan Wang. On switching policies for generalized switched server systems. In Proceedings of the 27th Chinese Control Conference (Kunming China, July 2008) pp. 671-677.
7. Xingxuan Wang, et al. Researches on load balancing control problem for the systems with multiple parallel entities using differences control technique. In Proceedings of the 17th International Federation of Automatic Control (IFAC) World Congress (Seoul Korea, July 2008) pp. 11961-11966.
8. Xingxuan Wang, et al. Switching difference control of parallel streams temperatures. In Proceedings of the 17th International Federation of Automatic Control (IFAC) World Congress (Seoul Korea, July 2008) pp. 15421-15426.
9. Xingxuan Wang, Da-Zhong Zheng. The balanceability of the FMM switching control policy. In Proceedings of the 13th IFAC Symposium on Information Control Problems in Manufacturing (INCOM'09) (Moscow Russia, June 2009) pp. 436-441.
10. Xingxuan Wang. Switching scheduling policies and their balanceability. In Proceedings of the Joint 48th IEEE Conference on Decision and Control and 28th Chinese Control Conference (CDC-CCC2009) (Shanghai China, December 2009) pp. 3964-3968.

## 科研项目