

Research Areas and Collaborative Projects

Qixin Chen

qxchen@tsinghua.edu.cn

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Self-intro and Collaborators



Qixin Chen

- Associate Professor, Dept. Electrical Engineering, Tsinghua University
- Vice Director, Center for Low Carbon Electricity Technology
- A Member of the TR 35 (MIT)
- Research Area: Power system operation, low carbon electricity technology, power market operation, and information Technology, etc.



Collaboration

U.S.

Prof. X.F Ling
Prof. Lu Tian
Prof. D.S.Kirschen

UK

Prof. M. Pollitt
Prof. P. Crossley
Prof. J. Milanovic
Prof. R.J. Green
Prof. G. Strbac

EU

Prof. Ettore. Bompard
Prof. Yi Ding



Collaborative Details

Project:

China-UK: NSFC-EPSRC Collaborative Research Project, *Grid Scale Storage for Intermittency*, 2014-2016

China-Korea : NSFC-NRF Joint Seminar, *Wind Energy Grid-Adaptive Technology*, 2013-2014

China-UK/US: NSFC-RS Joint Research Project, *Flexible Operation of Power System Including Large-scale Wind Farms*, 2010-2012

China-US: Major Project in Southern Power Grid of China, *Application and Demonstration of Big Data Tech in Smart Distribution and Demand Response*. 2014-2016

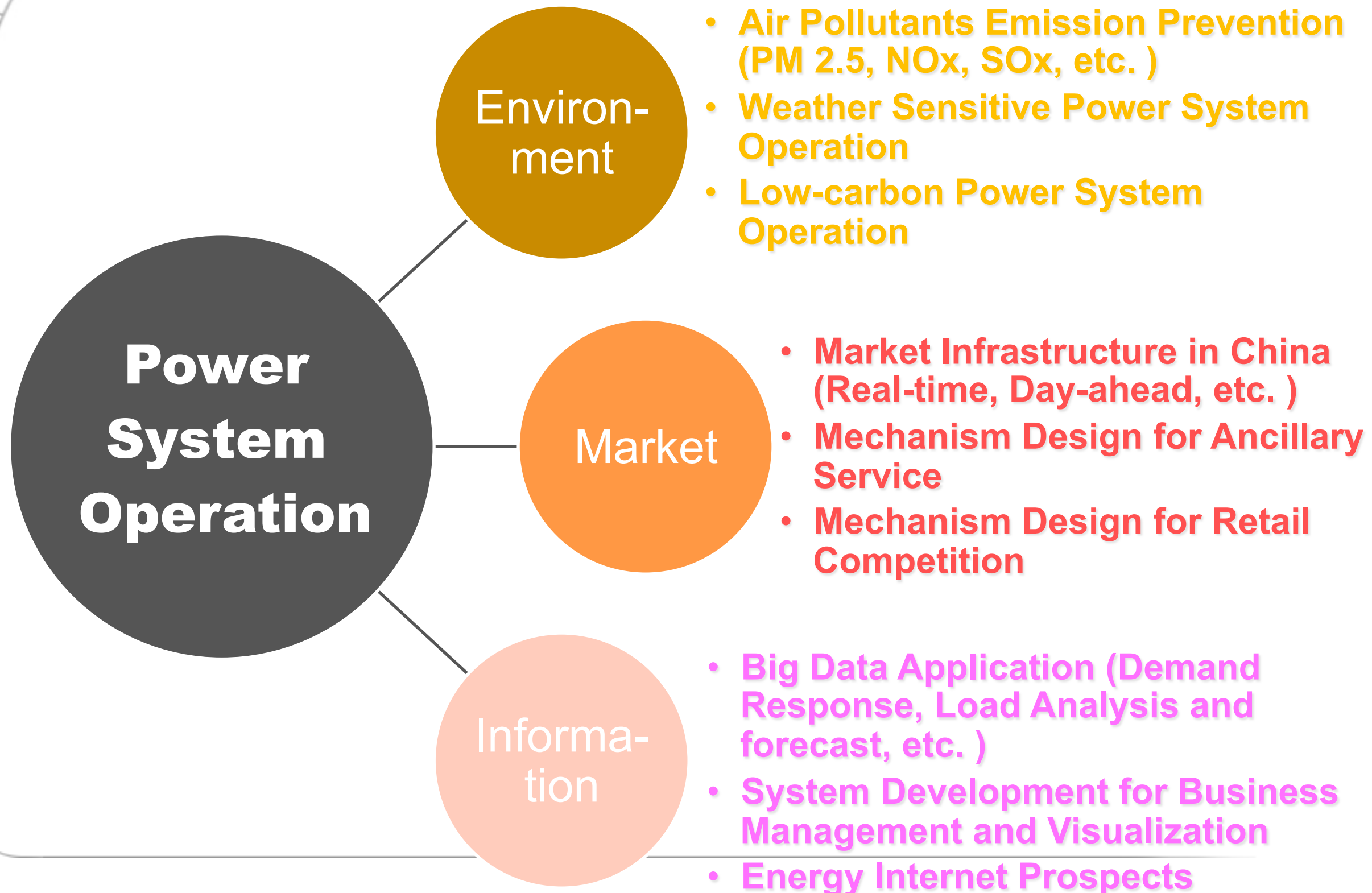
Publication:

Qixin Chen, Daniel. S. Kirschen, etc. Optimal Flexible Operation of a CO₂ Capture Power Plant in a Combined Energy and Carbon Emission Market; IEEE Transactions on Power Systems; 27(3): 1602-1609, 2012

Chen Qixin, Kirschen, Daniel. Mechanism and Modelling Approach to Low-carbon Power Dispatch; Automation of Electric Power Systems; 34(12): 18-25, 2010



Collaborative Interests



Thank you!

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