

# Brief CV

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Personal Web Sites	<a href="http://power.seu.edu.cn/sl/list.htm">http://power.seu.edu.cn/sl/list.htm</a>			
Research Area	<b>Modelling and Control of energy systems</b>			
<p>Dr. Sun received his Ph.D degree from Tsinghua University at 2017. After that, he joined Southeast University as an Assistant Professor. He has publications below,</p> <p>[1]<b>Sun L*</b>, Li D, Zhong Q C, et al. Control of a class of industrial processes with time delay based on a modified uncertainty and disturbance estimator[J]. <b>IEEE Transactions on Industrial Electronics</b>, 2016, 63(11): 7018-7028.</p> <p>[2]<b>Sun L, Hua Q, Shen J, et al. Multi-objective optimization for advanced superheater steam temperature control in a 300 MW power plant[J]. Applied Energy</b>, 2017, 208.</p> <p>[3]Sun L, Shen J, Hua Q, et al. Data-driven oxygen excess ratio control for proton exchange membrane fuel cell. <i>Applied Energy</i>, 2018, 231: 866-875.</p> <p>[4]<b>Sun L*</b>, Li D, Hu K, et al. On tuning and practical implementation of active disturbance rejection controller: a case study from a regenerative heater in a 1000 MW power plant[J]. <b>Industrial &amp; Engineering Chemistry Research</b>, 2016, 55(23): 6686-6695.</p> <p>[5]<b>Sun L</b>, Li D, Lee K Y, et al. Control-oriented modeling and analysis of direct energy balance in coal-fired boiler-turbine unit[J]. <b>Control Engineering Practice</b>, 2016, 55: 38-55.</p> <p>[6]<b>Li Sun</b>, Donghai Li, and Kwang Y. Lee. Optimal Disturbance Rejection for PI controller with Constraints on Relative Delay Margin. <i>ISA Transactions</i>, 2016, 63: 103-111. (SCI 检索, WOS:000381164700012, IF: 2.600.)</p> <p>[7]<b>Li Sun</b>, Donghai Li, and Kwang Y. Lee. Enhanced decentralized PI control for fluidized bed combustor via advanced disturbance observer. <i>Control Engineering Practice</i>. 2015, 42: 128-139. (SCI 检索, WOS:000358806700012, IF: 1.83.)</p> <p>[8]<b>Sun L</b>, Hua Q, Li D, et al. Direct energy balance based active disturbance rejection control for coal-fired power plant[J]. <i>ISA transactions</i>, 2017, 70: 486-493.</p> <p>[9]<b>Sun L</b>, Hua Q, Shen J, et al. A Combined Voltage Control Strategy for Fuel Cell. <i>Sustainability</i>, 2017, 9(9): 1517.</p> <p>[10]<b>Li Sun</b>, Donghai Li, and Zhiqiang Gao. Combined feedforward and model-assisted active disturbance rejection control for non-minimum phase system. <i>ISA Transactions</i>, 2016, 64: 24-33. (SCI 源刊, IF: 2.600.)</p> <p>[11]<b>Li Sun</b>, Junyi Dong, Donghai Li, Kwang Y. Lee. A Practical Multivariable Control Approach Based on Inverted Decoupling and Decentralized Active Disturbance Rejection Control. <i>Industrial &amp; Engineering Chemistry</i></p>				

Research, 2016, 55(7): 2008-2019. (SCI 检索, WOS:000371104300020, IF: 2.567.)

**\*\*\*\*All the columns need to be filled in.**