

**Name:** Wang Shijun

**Education:** Bachelor of Engineering, Harbin Institute of Technology, P.R.China 1993-1997

Master of Engineering, Harbin Institute of Technology, P.R.China, 1997-1999

Doctor of Philosophy (ME) Candidate 2002----

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### **Experience**

- ❖ Work as Assistant Teacher (Jul. 1999-Jul. 2001)
- ❖ Work as Lecturer (Jul. 2001-Jul. 2002)
- ❖ ***Technology Training on HVAC and Refrigeration, Boilers Fired Gas and***

*Fuel, Heat Exchange Station at Maximillien Perret Institute in Paris, France May., 2000—Aug., 2000*



Beijing Institute of Civil Engineering and Architecture Beijing Institute of Civil Engineering and Architecture (BICEA), Beijing, 100044, P. R. China

### **Research area**

Computational Fluid Dynamics, Opposed Impinging Jets, mass and heat transfer, Energy-Saving Technology

### **Research project (for Phd at NUS)**

Title: The mixing characteristics of axisymmetrically opposed impinging jets.

Satarted: 08/2002 Expected date of completion: 08/2005

### **Summary of project objectives**

Explore the mixing characteristics of asxisymmetrically opposed impinging jets in terms of laminar and turbulent, 2D and 3D, Single phase and Two-Phase and the combinations of these factors above.

### **Publications (partial)**

- 1.PDA Experiment Study on the Concentration Field at Burner Region of a Six-Corner Tangentially Fired Boiler. Proceedings of the Chinese Society For Electrical Engineering.***
- 2. Experiment Study on the Effect of Velocity Field of Burner Region on Slag of Heat Transfer Surfaces. Journal of Engineering for Thermal Energy and Power. China. 2001, Vol.16 (2)***

3. *Experiment Study on the Flowfield Characteristics of Burner Region in a Six-Corner Tangentially Fired Boiler. The 4<sup>th</sup> International Symposium on Coal Combustion, Beijing, 1999*
4. **Experimental Investigation on Jet Strength A Six-Corner Tangentially Fired Boiler. The 1<sup>st</sup> International Energy proceedings, Chongqing, China, 2003 (accepted)**