



## **Registration Form for WFC Scientific Committee**

### **Personal Info.**

Name: Zhang Qiongyuan

Title: Deputy Director of Gas Turbine Research Institute

Affiliation: Dongfang Electric Corporation Dongfang Turbine Co., LTD



### **Research Interest**

- 1) Superalloy precision casting technology, including equiaxed crystal blade, oriented columnar crystal blade, single crystal blade
- 2) Ceramic core preparation technology

### **Main Achievements (<200 words)**

He has been responsible for and participated in several research projects. Led the team to break through the key technologies of equiaxed crystal, oriented columnar crystal, and single crystal blade precision casting, mastered the ceramic core preparation technology, and achieved the research and production of precision casting for G50 gas turbine blades. Received the first prize in the "First National Enterprise Innovation Method Competition" of the China Association for Science and Technology, and has won several awards for scientific and technological progress from the Dongfang Electric Corporation. Over 10 papers published and 15 invention patents granted.