



Registration Form for WFC Scientific Committee

Personal Info.

Name: Li Dayong

Title: Professor and administrator

Affiliation: Harbin University of Science & Technology



Working Experience

Company 1: Harbin University of Science & Technology 1982.09-1995.09

Position: Teacher and administrator

Responsibility:

1. Teaching assistant 1982.09-1986.09
2. Lecturer 1986.09-1992.09
3. Associate professor and department head 1992.09-1995.09

Major Achievements:

1. Thermal analysis technology and application in cast iron production control;
2. Green sand quality monitoring method and device development;
3. Mold packing degree evaluation method and device development.

Company 2: Harbin University of Science & Technology 1995.09-Now

Position: Teacher and administrator

Responsibility:

1. Professor and department head 1995.09-1998.01;
2. Professor and vice president 1998.01-2008.07;
3. Professor and president 2008.07-2018.09;
4. Professor 2018.09-Now

Major Achievements:

1. The measuring method of melt surface tension and application in casting quality control;
2. The evaluation method and system for melt thermophysical property;
3. The new method and device for hydrogen detection in aluminum melt;
4. The defect testing and location method and system based on modern ultrasonic technology;
5. The optimizing control method and system for ductile iron production.

Project experience

Taking charge of 5 projects from NSFC, 15 projects from Heilongjiang province or Harbin city Science and Technology Department and enterprises.

Other Items

1. Paper publications: 150 papers published on JOURNAL OF MECHANICAL ENGINEERING,



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FPUNDRY, CHINA FOUNDRY and other magazines, and at INTERNATIONAL CONFERENCES from 1984 to 2023;

2. Book publications: NON ELECTRICAL QUANTITY MEASUREMENT (HUST Press,1994), THE THEORY AND PRACTICE ON FOUNDRY PRODUCTION PAROMETERS RAPID TEST (Heilongjiang Science & Technology Press,1995)
3. Patents granted: 20 parents for invention and 15 patents for utility models from 1992 to 2023.