



Registration Form for WFC Scientific Committee

Personal Info.

Name: Yin Dawei

Affiliation: Foundry Institute of China Executive Director



Research Interest

He has been engaged in the research and development of new casting technologies, new materials and new processes for a long time. He is good at the cause analysis and solution of casting defects, and also has in-depth research in the field of modeling materials.

Main Achievements (<200 words)

He has rich experience in casting technology research and production practice, and has solved the key technical problems of casting enterprises for many times. In the process of judging and handling the "difficult and complicated certificates" of casting production, he shows a deep theoretical foundation and superb technical level. He successfully developed new casting materials such as high chromium cast iron. In terms of modeling materials, he has developed hollow bead insulation risers, quick drying coatings for cast steel, artificial refractory ceramic sand and collapsible agents for the quartz sand and sodium silicate binder, etc.. He also translated and published two reference books "Casting Defects and Countermeasures" and "Pressure Casting Defects • Problems and Countermeasures Example Set".