



Registration Form for WFC Scientific Committee

Personal Info.

Name: YU Bo

Title: Dr./ Prof. /Deputy Chief Engineer

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Research Interest

Special Alloys and forming technology.

Main Achievements (<200 words)

Energy and power engineering materials and forming technology development: The development of hydraulic turbine materials, special protective materials, high-temperature alloys and other materials and forming technology, applied in hydropower, Marine power and other fields, to meet the needs of engineering construction.

Special functional materials and forming technology development: High permeability magnetic materials, wear-resistant materials and forming technology for nuclear power equipment have been developed, and related achievements have been applied in the GEN-II, GEN-II + and GEN-III nuclear power plants. At the same time, other special functional materials, such as lattice materials, damping alloys, etc., and their forming processes are also studied.

25 national invention patents have been authorized and more than 80 papers published.