



Registration Form for WFC Youth Working Committee

Personal Info.

Name: Li Yufei

Title: Senior Engineer

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Research Interest

Research on preparation and casting technology of high-strength aluminum and magnesium alloy materials

Main Achievements (<200 words)

Li Yufei, senior engineer, supervisor of postgraduates, graduated from China Academy of Machinery Science & Technology, awarded with titles such as "Outstanding Scientific and Technological Expert of China Academy of Machinery Science & Technology", "China Outstanding Foundry Young Talent Award", and won more than 10 awards, including "First Prize of China Machinery Industry Science and Technology Award" and "First Prize of Liaoning Provincial Science and Technology Award", published 7 papers as the first author, and authorized 5 patents.

Since joining the work, more than 20 scientific research projects have been successfully approved, with a total funding of nearly 30 million, and the localization of high-strength and high-toughness aluminum alloy materials such as D357, A201.0, C5M4, and A242 has been successfully achieved. Participated in the development of curved fine sand core preparation technology for aviation complex castings, V-method anti-gravity casting forming technology and other achievements, which have filled the domestic gaps; the short-process closed low-pressure filling squeeze casting forming equipment jointly developed with the project team changed the gravity liquid supply method to a low-pressure filling liquid supply method for the first time in China, significantly improving the quality of the alloy liquid.