



Registration Form for WFC Scientific Committee

Personal Info.

Name: Liping Wang

Title: Deputy Director (presiding)

Affiliation: Ningbo Institute of Materials Technology and Engineering,
Chinese Academy of Sciences



Research Interest

Multi-factor coupling damage theory of materials

Life-extension surface design of materials

Main Achievements (<200 words)

Prof. Liping Wang serves as the Deputy Director of Ningbo Institute of Materials Technology and Engineering (Chinese Academy of Sciences, CAS) and the director of the CAS Key Laboratory of Marine Materials and Related Technologies. As a recipient of the National Science Fund for Distinguished Young Scholars, he has dedicated his career to conducting research on the theory and engineering application of multi-factor coupling damage and multi-channel life-extension surface design of materials under extreme service environments. He has developed series of functional protective coatings, which were first applied to critical parts in harsh environments, including aerospace, aircrafts, submersibles and Gen IV nuclear plants. He has also designed and developed series of heavy-duty anti-corrosion coatings and marine anti-wear & anti-corrosion coatings, which have been successfully applied in marine engineering and high-tech equipment. He has published more than 150 SCI papers, 3 Chinese monographs, and 60 authorized invention patents. With these research accomplishments, he has won the National Grade II Prize of National Technology Invention Award (ranking No. 1), "National Innovation Award", China Good Design Silver Award. He has been honored with the 15th China Youth Science & Technology Award and the 23rd China Youth Medal.