

## ESAS-2019 Award Bestowed upon Yanwei Ma

September 17, 2019 (PA44). During the EUCAS-2019 Award Ceremony on September 03, 2019, the 2019 ESAS Award for Excellence in Applied Superconductivity was bestowed on Prof. Dr. Yanwei Ma from the Institute of Electrical Engineering, Chinese Academy of Sciences, Beijing, China. He earned this award in recognition of his outstanding contributions to the development of superconductive wires with potentially very high impact for applications. Based on key fundamental insight and understanding of superconducting properties of materials and envisioning their potential, he designed the required, often novel, technologies for their processing. Outstanding in recent years are the innovative concepts developed for the processing and manufacture of Fe-based superconductors, with their robustness to high magnetic fields and their small electromagnetic anisotropy. Upon tailoring appropriate powder-in-tube processing technologies, wires could be processed with in-field critical currents exceeding the widely accepted threshold for practical application, reaching new milestones.



Award ceremony at Glasgow - Herbert C. Freyhardt, Yanwei Ma, Bernhard Holzapfel

[Read More](#)