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Mitsubishi Heavy Industries

Topic

AM-Technology for Revolutionizing the Design and Manufacturing Process

MHI Group began developing metal AM around 2011 and has been working to put it to practical use. For example, more than 100,000 gas turbine parts have been manufactured for both development and production. The key is design for AM and quality assurance(QA). DfAM allows us to innovate new product designs that take AM modeling into account, significantly improving product performance. Also, we combine various methods for a QA system that can guarantee quality throughout the entire process.

About Masayuki Eda

After graduating from the Master's program at Kobe University in Japan (Department of Chemical Engineering), he joined Mitsubishi Heavy Industries in 1998 and currently serves as manager of the Open Innovation Strategy Office to promote collaboration with academia and companies, including emerging startups for advanced manufacturing technologies and so on.

About Takeshi Ishide

After graduating from the Master's program at Osaka University in Japan, he joined Mitsubishi Heavy Industries in 1982.

2010-2014: Director of Basic Research institute

2014-2015: Director of Nagoya R&D Center

2015-today: Fellow, Executive Officer, Director of Global Research Center Director of Design Center, Currently Executive Advisor of MHI & Visiting Professor of Osaka University