

## BIOGRAPHICAL SKETCH OF PROF. JAY LEE



Dr. Jay Lee is Clark Distinguished Professor and Director of Industrial AI Center in the Mechanical Engineering Dept. of the Univ. of Maryland College Park.

Previously, he served as an Ohio Eminent Scholar, L.W. Scott Alter Chair and Univ. Distinguished Professor at Univ. of Cincinnati. He was Founding Director of National Science Foundation (NSF) Industry/University Cooperative Research Center (I/UCRC) on Intelligent Maintenance Systems ([www.imscenter.net](http://www.imscenter.net)) during 2001-2019. IMS Center has developed research memberships with over 100 global company since 2000 and was selected as the most economically impactful I/UCRC in the [NSF Economic Impact Study Report in 2012](#). He is also the Founding Director of Industrial AI Center ([www.iaicenter.com](http://www.iaicenter.com)). He mentored his students and developed a number of start-up companies including [Predictronics](#) through NSF iCorp in 2013 and has won 1<sup>st</sup> Place for PHM Society Data Challenges competition 5 times.

He was on leave from UC to serve as Vice Chairman and Board Member for [Foxconn Technology Group](#) (ranked 26<sup>th</sup> in Global Fortune 500) during 2019-2021 to lead the development of Foxconn Wisconsin Science Park (~\$1B investment) in Mt. Pleasant, WI ([www.foxconnwiofficial.com](http://www.foxconnwiofficial.com)). In addition, he advised Foxconn business units to successfully receive five WEF Lighthouse Factory Awards since 2019.

He is a member of [Global Future Council on Advanced Manufacturing and Production of the World Economics Council \(WEF\)](#), a member of [Board of Governors of the Manufacturing Executive Leadership Council of National Association of Manufacturers \(NAM\)](#), Board of Trustees of MTConnect, as well as a senior advisor to McKinsey. Previously, he served as Director for Product Development and Manufacturing at United Technologies Research Center (now [Raytheon Technologies Research Center](#)) as well as Program Director for a number of programs at NSF.

He was selected as [30 Visionaries in Smart Manufacturing in by SME in Jan. 2016](#) and [20 most influential professors in Smart Manufacturing in June 2020](#). His new book on [Industrial AI](#) was published by Springer in 2020. He also received 2022 SME Eli Whitney Productivity Award and 2022 SME/NAMRC S.M. Wu Research Implementation Award.

For publication citations, see

Google Scholar <https://scholar.google.com/citations?user=g9GtggQAAAAJ&hl=en&oi=ao>

ResearchID: <https://researchid.co/jay.lee>

ResearchGate [https://www.researchgate.net/profile/Jay\\_Lee10](https://www.researchgate.net/profile/Jay_Lee10)