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Magnetic Levitation for Adaptive Manufacturing

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Abstract: Magnetic levitation planar motors have recently been adopted into various industrial applications due to its many unique advantageous features, such as maintenance free, contamination free, extensibility, scalability, flexible without being limited by otherwise mechanical guide rails, etc. This talk will provide briefly overview of its basic working principle and capabilities of planar motors.



Biography:

Xiaodong Lu is currently President of Planar Motor Inc, which commercialize magnetically levitated planar motors. Before starting up the company, he had been at Faculty of Applied Science for more than a decade at UBC. He obtained a doctoral degree in mechanical engineering from MIT in 2005.