



ARTISTE2025

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Keynote Speaker Bio



(Hojjat Adeli)

The Ohio State University

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Write Your Bio Here (approximately 150 words)

Hojjat Adeli is currently an Academy Professor at The Ohio State University where he held the Abba G. Lichtenstein Professorship for ten years. He has authored over 650 research and scientific publications in various fields of computer science, engineering, applied mathematics, and medicine, including 16 ground-breaking high-technology books, and holds a U.S. patent. He has received over 80 awards and honors including eight Honorary Doctorates and several Honorary Professorships. He is the Editor-in-Chief and Founder of journals *Computer-Aided Civil and Infrastructure Engineering*, now in 40th year of publication, and *Integrated Computer-Aided Engineering*, now in 33rd year of publication. He is also the Editor-in-Chief of the *International Journal of Neural System* since 2005. He has presented Keynote Lectures at 128 conferences in 47 different countries. He is a member of 5 national academies, a Distinguished Member of ASCE, and a Fellow of AAAS, IEEE, AIMBE, and ANA. He is a Clarivate Analytics Highly Cited Researcher in three different categories of *Computer Science*, *Engineering*, and *Cross Field*.

Keynote Title: *Machine Learning – An increasingly Ubiquitous Technology: Advances and Pitfalls*

Write Your Title Here

Write Your Abstract Here (approximately 150 words)

Machine learning (ML) is a key and increasingly pervasive technology in the 21st century. It is going to be transformational on the way people live and work. The ML algorithms developed by the author and his associates developed over the past four decades are reviewed briefly. Examples of recent and innovative applications of ML in various fields are described. Current limitations of ML technology are delineated. Superintelligent agents are discussed as the next frontier of Artificial Intelligent (AI). Finally, attention is drawn to the potential abuse of AI technology, safety concerns, and negative impact of AI on the society and human race.



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