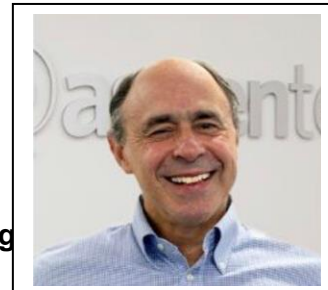




TNCHE Asia 2024 Conference
" Decarbonization, AI and Digital Transformation
for Sustainability in Process Industries "
Presenter's Biodata & Abstract



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Current Position : Senior Director Solutions and Industry Marketing



Title of Presentation : **Industrial AI Can Create Value Today For Operational Excellence and Decarbonization**

Presentation Abstract:

This brief presentation covers the essential value of "Industrial AI", which enables implementation of AI at scale within the framework of engineering fundamentals "guardrails". Industrial AI solutions ensure the safe and effective application of AI in energy and chemical contexts. The types of value that are being created by Industrial AI will be described, as well as the areas where continued innovation is being focused today. The presentation will provide examples of successful solutions in areas including energy saving and carbon reduction using Hybrid Models at IOCL, waste reduction and yield improvement in production of high value chemicals at Dow Chemical and Nissan Chemicals, and guidance in improvement of operational and maintenance strategies at Tupras and SARAS energy companies.