MIT Chemical Engineering
Spring 2017 Named Lecture Series

presents the 2017

Warren K. Lewis Lectureship in Chemical Engineering

The Next Frontier of Optimization in the Process Industries – Asset Optimization: Opportunities and Challenges

Antonio J. Pietri

President and CEO

Aspen Technology

Friday, May 5th, 2017

Room 66-110

3:00pm

2:30pm Reception

cheme.mit.edu/lewis/

About Antonio Pietri

Prior to his appointment to President and CEO, Pietri served as Executive Vice President, Worldwide Field Operations, where he led global Sales, Sales Operations, Professional Services, and Customer Support & Training. He previously served as Senior Vice President and Managing Director, Regional Operations, Asia Pacific, based in Singapore and Beijing, China.

Pietri joined AspenTech through the company's acquisition of Setpoint, Inc. in 1996. At Setpoint, Pietri oversaw integration of AspenTech solutions at European refinery and process manufacturing sites. In 2002, he relocated to Singapore as Vice President, Business Consulting, and was subsequently promoted to Managing Director of the Asia Pacific region.

Pietri began his career at ABB Simcon as an applications engineer focused on advanced control and multi-variable controllers for refining. Pietri holds an MBA from the University of Houston and a BS in chemical engineering from the University of Tulsa.

About the Lewis Lectureship

The Warren K. Lewis Lectureship was established in 1978 to recognize Professor Lewis' revolutionary impact on chemical engineering education. By developing the concept of unit operations, first proposed by A. D. Little and William Walker, he revolutionized the design of chemical engineering processes and equipment. Throughout his career, Professor Lewis was mindful of the needs of industrial practice; accordingly, the Lewis lecture features speakers from industry and academia.

Doc Lewis was a superb educator. His text, *Principles of Chemical Engineering*, written with Walker and McAdams in 1923, first defined the discipline and provided the basis for quantitative calculations of unit operations. His lectures are legendary for their combination of beautifully organized material and Socratic exchanges with his students. As an inventor, he contributed to the fields of industrial stoichiometry and industrial chemistry with over 80 patents. He also pioneered the use of the fluidized bed, which led to catalytic cracking processes in refining.