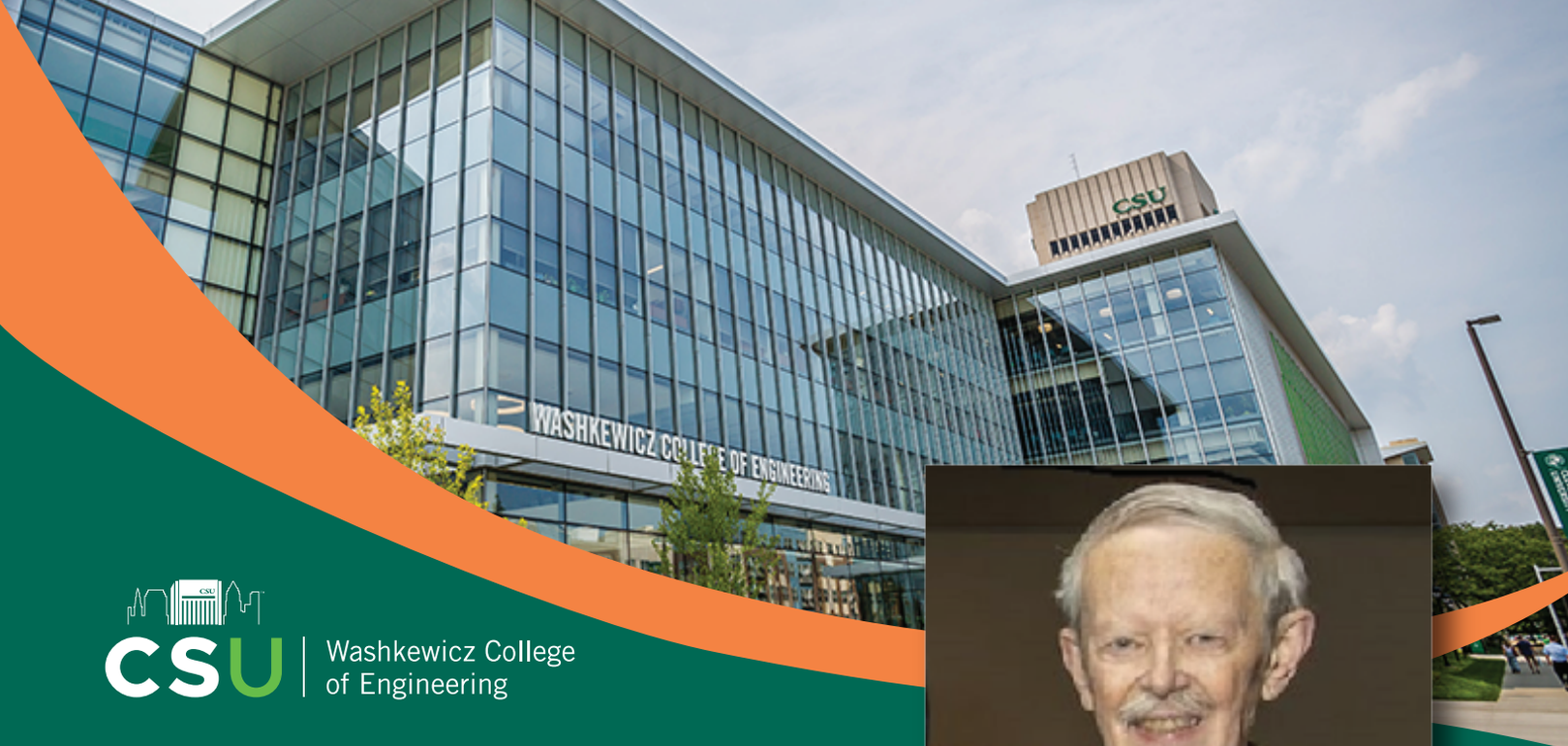

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CENTENNIAL LECTURE SERIES

TOPIC ABSTRACT

A brief summary of the history of multiphase science and computation fluid dynamics will be presented. It will be followed with applications to modeling of hemodynamics in a right coronary artery and analysis of monocyte adhesion experiments with the objective of understanding the initiation of atherosclerosis.

Tuesday, Sept. 26
11.30 AM - 12.30 PM

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Dr. Robert W. Lyczkowski

CHEMICAL ENGINEER

ABOUT DR. LYCZKOWSKI

- Most of Dr. Lyczkowski's career was spent as a Chemical Engineer in the Energy Systems Division at Argonne National Laboratory.
- He worked for Lawrence Livermore National Laboratory, Idaho National Engineering Laboratory, Energy Inc, Goodyear Atomic Corp., Hooker Chemical Corp. Former faculty member at Illinois Institute of Technology. Holds two U.S. patents.
- He is a Fellow of the American Institute of Chemical Engineers and a recipient of the prestigious Ernst W. Thiele Award.
- He has authored or co-authored 4 books including "The History of Multiphase Science and Computational Fluid Dynamics a Personal Memoir" and most recently "Transport Phenomena in Multiphase Systems" for Springer Nature.
- Dr. Lyczkowski contributed significantly to the development of the RETRAN and COMMIX computer programs.
- BS Chemical Engineering, Fenn College of Engineering at Cleveland State University
- MS Gas Engineering & PhD Gas Technology, Illinois Institute of Technology

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