



**Ohio University Student Branches
Present A Seminar By IEEE National Speaker**

“LFTRS, THE KEY TO THE FUTURE!”

By: Dr. Charles Alexander

Thursday, October 11th, 2018 at 7:00PM

(Stocker 103)

**Catered Food and Refreshments Provided
Casual Event – Formal Dress NOT Required**



“LFTRS, THE KEY TO THE FUTURE!”

Liquid Fluoride Thorium Reactors (LFTRS) are the key to a virtually unlimited source of energy and economic security for the future of the world! Having almost none of the negatives of conventional nuclear energy and a large enough source of easily recoverable reserves as to be considered a truly “green” energy. In addition, since it has already successfully been demonstrated in an operational nuclear reactor, we are working with an already proven technology. The time has come for us to move ahead aggressively develop this technology!

Charles K. Alexander former professor of electrical engineering and computer science in the Washkewicz College of Engineering at Cleveland State University, Cleveland, Ohio. He was the director of The Center for Research in Electronics and Aerospace Technology (CREATE). From 2002 until 2006 he was Dean of the Fenn College of Engineering. He has held the position of dean of engineering at Cleveland State University, California State University, Northridge, and Temple University (acting dean for six years). He has held the position of department chair at Temple University and Tennessee Technological University. He has held the position of Stocker Visiting Professor (an endowed chair) at Ohio University. He has held faculty status at all of the before mentioned named universities.

He has secured funding for two centers of research at Ohio University and Cleveland State University and one at Tennessee Technological University. He has been the director of three additional research centers at Temple and at Tennessee Tech. He has obtained research funding of approximately \$100 million (in today’s dollars). He has served as a consultant to twenty-three private and governmental organizations including the Air Force and the Navy.

He received the honorary Dr. Eng. from Ohio Northern University (2009), the PhD (1971) and M.S.E.E. (1967) from Ohio University and the B.S.E.E. (1965) from Ohio Northern University.

He has authored many publications, including a workbook and a videotape lecture series, and is coauthor of *Fundamentals of Electric Circuits* (now in the sixth edition), *Engineering Skills for Career Success*, *Problem Solving Made ALMOST Easy*, the fifth edition of the *Standard Handbook of Electronic Engineering*, and *Applied Circuit Analysis*, all with McGraw-Hill. He has authored or coauthored 25 books counting separate editions and foreign translations and he has made more than 500 paper, professional, and technical presentations. His circuits textbook is ranked number one or number two worldwide recently.

Dr. Alexander is a Life Fellow of the IEEE and served as its international president and CEO in 1997. In addition, he has held several leadership positions within IEEE during his more than fifty years of service as a volunteer. This includes serving 1991 to 1999 on the IEEE Board of Directors.

He has received several local, regional, national, and international awards for teaching, research, and service, including an honorary Doctor of Engineering degree, Fellow of the IEEE, the IEEE-USA Jim Watson Student Professional Awareness Achievement Award, the IEEE Undergraduate Teaching Award, the Distinguished Professor Award, the Distinguished Engineering Education Achievement Award, the Distinguished Engineering Education Leadership Award, the IEEE Centennial Medal, and IEEE/RAB Innovation Award.