

Mound Science and Energy Museum Association

presents

FUSION ENERGY IN OUR FUTURE

Robert E. Ellefson, Ph.D.

REVac Consulting

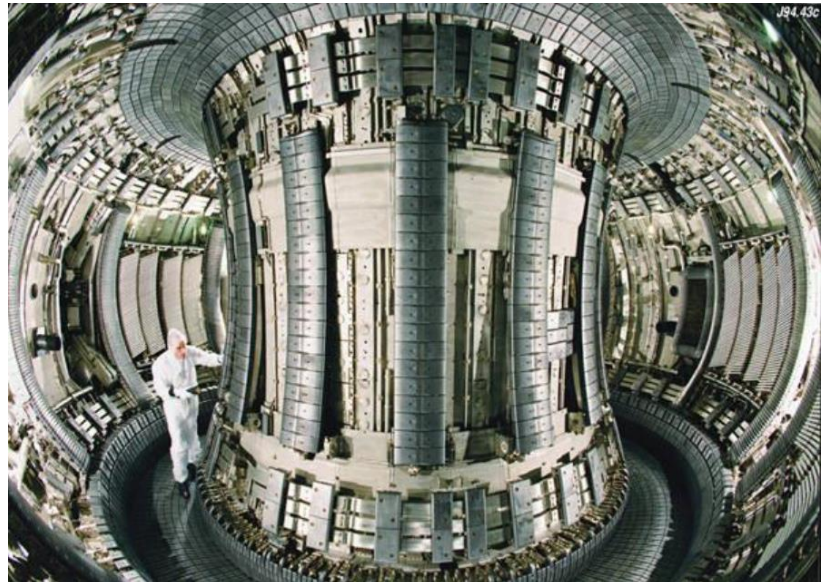
April 24, 2019

7:00 pm

at the Mound Cold War Discovery Center

1075 Mound Road, Miamisburg, OH

Our sources of electricity in the future (e.g. 2040) will consist of a mixture of electrical power from natural gas, nuclear reactors, wind, solar and probably fusion energy most likely from a magnetic confinement Tokamak design of fusion reactor. Mound was involved with two AEC/DOE approaches to controlled D/T fusion: Magnetic confinement and laser fusion at DOE facilities. This talk will discuss how fusion occurs and will give an update on the status of the fusion energy efforts.



TOKAMAK REACTOR

Speaker's Biography

Dr. Ellefson holds B.S., M.S. and PhD degrees in Physics and was employed as a research staff member at the Mound Laboratory from 1972 until he retired as a Science Fellow in 1994. Following his Mound Lab employment, he continued to design and build mass spectrometers at INFICON, Inc. in Syracuse, NY. Since 2005 he has worked as a private consultant in Dayton addressing analytical methods for a variety of applications worldwide. In 2011 Bob was named by his peers an American Vacuum Society Fellow. He is also a board member of the Mound Science and Energy Museum Association.

For additional details call 937-247-0402. The presentation is free and open to the public and has ample free parking.