

ENERGY SCIENCES COALITION

Speaker Bio

Bryan Rice

Dr. Bryan J. Rice is the Director of Sematech's Lithography Division. He is responsible for assuring that SEMATECH's strategic direction and its execution support critical lithography technology areas. Dr. Rice, who most recently served as the immersion program manager, replaces former Director Michael Lercel, who has returned to IBM from his SEMATECH assignment. Rice has been on assignment to SEMATECH from Intel Corporation since 2006. He has led SEMATECH's high index immersion research in the search for high refractive index lens and immersion fluid materials. Additionally, Rice has been instrumental in forming SEMATECH's double exposure program, focusing on the exploration of novel materials for the litho-litho-etch patterning approach. Rice holds a doctorate in nuclear physics from Duke University as well as a bachelor's degree in physics and a master's degree in computer science from the Georgia Institute of Technology. He has made eleven U.S. patents and is the author of numerous publications on lithography and metrology.

The Energy Sciences Coalition (ESC) is a broad based coalition of organizations representing scientists, engineers and mathematicians in universities, industry and national laboratories who are committed to supporting and advancing the scientific research programs of the U.S. Department of Energy (DOE), and in particular, the DOE Office of Science.