



# 中科院等离子体所研究员讲堂

## 特邀报告

**第 78 讲: Foundations of Fusion Materials Science**

**主讲: Prof. Steven John Zinkle**

**时间: 5 月 16 日 14:15**

**地点: 601 会议室**

**时数: 2.5 个小时**



### 授课人介绍:

Steven John Zinkle is a Governor's Chair Professor for nuclear materials in the Dept. Nuclear Engineering and Dept. Materials Sci. & Engr., University of Tennessee. He was the director of the Materials Science and Technology Division in the Oak Ridge National Laboratory (ORNL) from 2006 to 2010, providing technical and administrative leadership for multi-program research activities on a broad range of fundamental and applied materials R&D programs involving about 300 staff members and an annual research budget in excess of \$100M. He received his PhD in nuclear engineering from the University of Wisconsin.

Prof. Zinkle is one of the world's most recognized leaders in fields of physical metallurgy of structural materials; ion and neutron irradiation effects on the microstructure, physical and mechanical properties of metals and ceramics; fusion and fission reactor materials; and deformation and fracture mechanisms. He has published more than 250 peer-reviewed scientific articles in journals or conference proceedings, and more than 400 limited-distribution reports and scientific presentations (including >200 invited talks) at conferences, workshops or seminars. His Thomson-Reuters Web of Science Hirsch index is 50, with >8200 peer-reviewed open-literature citations.

Prof. Zinkle is a founding editor of Metallurgical & Materials Transactions E: Materials for Energy Systems and a senior editor of Journal of Nuclear Materials. He is well-known for receiving US Dept. of Energy (DOE) Ernest Orlando Lawrence Memorial Award, as well as serving as a member of the National Academy of Engineering and the National Academies' National Materials and Manufacturing Board.

**欢迎感兴趣的职工及学生参加!**

**5月16日 9:00-10:00: Visit to ISSP (Fusion materials related Labs)**