

## CURRICULUM VITAE

Robert Kaita  
27 LeValley Drive  
Manalapan, NJ 07726

Princeton Plasma Physics Laboratory  
P. O. Box 451  
Princeton, NJ 08543-0451  
Citizenship: U. S. A.

### EDUCATION:

- 1978: Doctor of Philosophy (Thesis in Experimental Nuclear Physics)  
Department of Physics, Rutgers University, New Brunswick, NJ
- 1973: Bachelor of Science (Departmental Honors in Physics)  
State University of New York at Stony Brook, Stony Brook, NY

### EXPERIENCE:

- 1990-Present: Principal Research Physicist, Princeton Plasma Physics Laboratory
- 2012-Present: Acting Head of Boundary Physics Operations, NSTX Spherical Torus
- 2009-2010: Deputy Head of Lithium Research Task Group,  
National Spherical Torus Experiment (NSTX)
- 2004-2005: Head of Edge and Boundary Physics Experimental Task Group, NSTX
- 1999-2004: Task Leader, DOE Advanced Power Extraction Program
- 1997-Present: Co-Principal Investigator, Current Drive Experiment-  
Upgrade (CDX-U) and Lithium Tokamak Experiment (LTX)
- 1995-Present: Head of Diagnostic Operations, NSTX Spherical Torus
- 1990-1994: Deputy Head and Co-Principal Investigator on the Princeton  
Beta Experiment-Modification (PBX-M) Tokamak
- 1980-Present: Princeton University  
Graduate Program, Department of Astrophysical Sciences: supervised student  
research on radio frequency plasma heating, X-ray and microwave imaging of  
plasmas, MHD instabilities, and plasma-surface interactions including twelve  
doctoral theses, twenty-two “first-year” graduate research projects, and fourteen  
National Undergraduate Fellowship projects
- 1994: University of Missouri-Rolla: Chancellor’s Visiting Professorship
- 1984-1990: Princeton University, Plasma Physics Laboratory  
Research Physicist: developed plasma diagnostics on the  
Princeton Beta Experiment and the Tokamak Fusion Test Reactor.
- 1980-1984: Princeton University, Plasma Physics Laboratory  
Staff Research Physicist: investigated energetic ion physics on the  
Princeton Large Torus and the Poloidal Divertor Experiment.
- 1978-1980: Princeton University, Plasma Physics Laboratory  
Postdoctoral Research Fellow: developed fast ion diagnostic involving charge-  
exchange analyzer and diagnostic neutral beam on Poloidal Divertor Experiment

### PUBLICATIONS AND LECTURES:

Almost 400 publications in nuclear and plasma physics  
Invited lectures in China, England, France, Germany, Japan, Russia,  
South Korea, and Switzerland as well as domestic research institutions

### PROFESSIONAL AFFILIATIONS AND ACTIVITIES AND AWARDS:

American Association for the Advancement of Science  
Fellow of the American Physical Society  
Secretary and Past President of the Princeton Chapter of Sigma Xi –  
The Scientific Research Society  
Kaul Foundation Prize for Excellence in Plasma Physics Research