

Stewart J. Zweben

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Education:

Ph. D. in Physics (1977), Cornell University, Ithaca, NY
B.S. in Physics (1972), Stony Brook University, NY

Research Positions:

Principal Research Physicist, Princeton Plasma Physics Laboratory (1993 -)
Research Physicist, Princeton Plasma Physics Laboratory (1984 -1993)
Senior Research Fellow in Applied Physics, Caltech (1980 -1984)
Assistant Research Physicist, UCLA (1977 - 1980)

Main Research Areas:

Edge turbulence imaging measurements on Alcator C-Mod and NSTX (1997 -)
Alpha particle physics and alpha loss measurements on TFTR (1984-1997)
Plasma turbulence measurements on small tokamaks (1977-1984)
Runaway electrons in the ORMAK tokamak (1974-1977)

Other Activities:

Resident Associate Editor, Physics of Plasmas (2004-2015)
Divisional Associate Editor, Physical Review Letters (2003-2006)
Member, NAS/NRC Plasma Science Committee (2001 - 2004)
Lecturer, Astrophysical Sciences Dept. of Princeton Univ. (1998 - 2005)
Head, PPPL Plasma Science and Technology Department (1997 - 2001)
Member, Fusion Energy Sciences Advisory Committee (FESAC) (1996 -1998)
Supervised 3 Ph.D. students in Astrophysical Sciences at Princeton (1991-2001)

Honors:

PPPL Distinguished Research Fellowship (1996)
Fellow of the American Physical Society (1993)

Publications:

First-author of over 60 papers in plasma physics and fusion research.