



XU WANG

MAJOR DEPT Engineering Physics
DEGREE MS
ADVISOR Prof. Noah Hershkowitz
RESEARCH AREA Plasma Etching
GRADUATION 2002

KEY WORDS

Plasma Etching, Sheath and Presheath, Ion Acoustic Wave, Multi-species Plasma, Langmuir Probe, Emissive Probe.

GOALS

To study the presheath in two ion species plasma.

INTERESTS

Plasma processing in manufacturing of semiconductors (etching, deposition, and implantation).

VISA STATUS

F1

ADDRESS

205 Eagle Heights Apt. E
Madison, WI 53705
(608) 263-0351 (work)
(608) 238-1585 (home)
Email: xuw@cae.wisc.edu

Xu Wang (continued)

EDUCATION

6/99 - Present	University of Wisconsin-Madison Graduate Student in Engineering Physics
7/94	University of Electronic Science and Technology, China B.S. in Automation

WORK EXPERIENCE

6/99 – Present	Dept. of Engineering Physics at University of Wisconsin-Madison Research Assistant, Plasma etching
8/95 - 5/99	Sichuan Jovian Instruments Co., Ltd., China Software Engineer, -Dynamic data acquisition and analysis, Automatic real-time control.
7/94 - 7/95	Southwestern Institute of Physics, China Research Assistant, Data acquisition and analysis for HL-1M nuclear fusion system.

COMPUTER SKILLS

Operating Systems: Windows95/NT, UNIX.
Computer Languages: C, C++, Java and Basic.
Development Tools: LabWindows/CVI, Visual C++, Borland C++, Visual Java and Visual Basic.

REFERENCES

Available upon request.