



## JONGTAE JEONG

*MAJOR DEPT*    Engineering Physics  
*DEGREE*        PH. D  
*ADVISOR*       Prof. Noah Hershkowitz  
*RESEARCH AREA*   Plasma Diagnostics  
*GRADUATION*    2004

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### KEY WORDS

RF Plasma sources, Dielectric Barrier Discharge, Helicon Wave Discharge,  
Plasma Diagnostics

### GOALS

Getting further engineering Knowledge and skills for basic plasma physics and  
plasma related applications. Emphasis on research with particular interest in  
plasma diagnostics, plasma sources for industrial application

### INTERESTS

Various Plasma Diagnostic Techniques, Dielectric Barrier Discharges, Helicon  
Plasmas Sources

### VISA STATUS F1

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*Jongtae Jeong (continued)*

EDUCATION

08/04(expected)	Ph.D University of Wisconsin – Madison, Engineering Physics
12/01(expected)	MS University of Wisconsin – Madison, Engineering Physics
02/99	BS Hanyang University – Seoul, Nuclear Engineering

WORK EXPERIENCE

09/00 – Present	University of Wisconsin-Madison, College of Engineering Research Assistant - Department of Engineering Physics Emissive probe measurements in rf oxygen plasma
09/99 – 08/00	University of Wisconsin - Madison, Project Assistant - Department of Engineering Physics Dielectric barrier discharges Helicon wave discharges
01/93 – 05/95	Enrollment in Korean Army (Feb., 1993 – Aug., 1995)

LANGUAGES

English , Korean

REFERENCES

Available upon request.