



August 24th, 2006

*Prof. Tomás Palacios' group in the Department of Electrical Engineering and Computer Science of MIT has **one opening** for graduate students to work as **Research Assistant** in the project:*

New Ideas for High Frequency Transistors based on Wide Bandgap Semiconductors

This project aims to demonstrate the feasibility of nitride-based electronic devices for power amplification and digital applications at sub-mm wave frequencies (>60 GHz). This project will include the design, simulation, fabrication and measurement of new transistor-like structures based on nitride semiconductors (GaN, AlN, InGaN and AlGaN). The work will also involve strong collaborations with other American and foreign universities and companies.

More information about this project and our group can be found in:

<http://web.mit.edu/tpalacios>

If you like device physics, high frequency electronics and to invent completely new electronic devices you will probably be interested in this project. Please send an e-mail with your resume and contact information to:

tpalacios@mit.edu