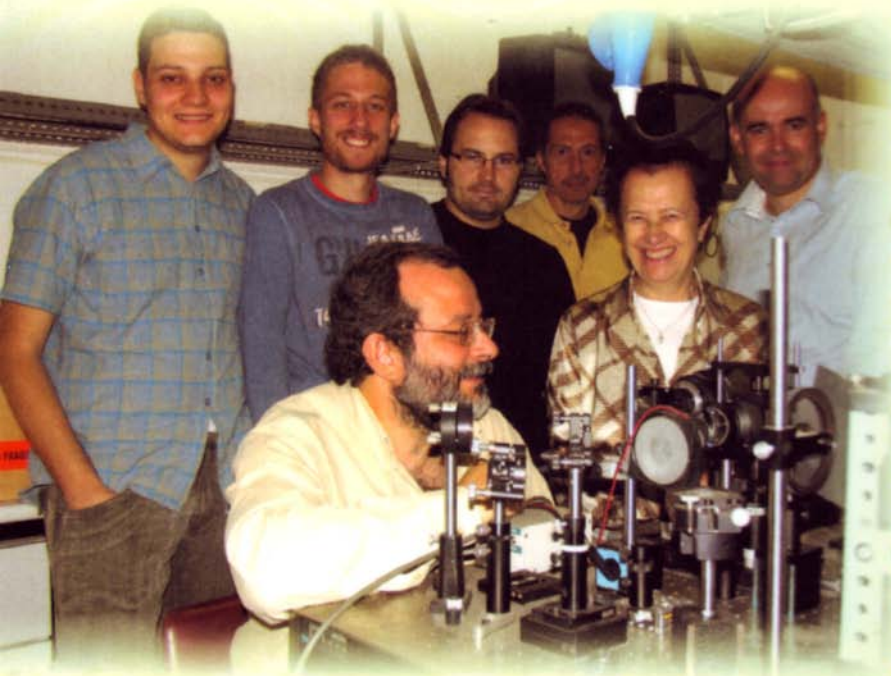




**SPIE**  
Women in Optics

Monthly planner for the year 2008



*Maria Yzuel surrounded by colleagues.*

## Because Dreams Need Doing

Careers in optics are as varied as they are exciting. Through their work the women featured in this planner are making a difference to our world. They are asking questions and shaping our future. They are creative problem-solvers turning ideas into reality and inventing the future.

SPIE thanks them for their efforts, and for sharing their stories.

### **Prof. Maria Yzuel**

University Autònoma de Barcelona, Spain  
SPIE 2008 President-Elect

### **Ask us for money!**

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## Manijeh Razeghi

Walter P. Murphy Professor of Electrical Engineering and Computer Science and  
Director, Center for Quantum Devices  
Northwestern University, Evanston, Illinois USA  
Country of origin: Iran and France

### What I do.

I practice atomic engineering, taking inspiration from nature. I created the world renowned Center for Quantum Devices in 1992.

### What I find exciting.

First, to be a mother and to raise my children so that they, in turn, become examples to others. Second, as a professor, being involved in the education of future scientists, teachers, leaders, mentors, and parents. It brings me great pride to already see some of my students, both female and male, becoming important figures in industry and academia, not only in the United States, but all over the world. And finally, as a scientist and researcher, it is very exciting to be actively involved in the discovery of unknown elements in the world around us and within us.

### What I wish someone had told me.

In all aspects of life, not only science, it is essential to surround yourself by those who have demonstrated excellence and those whom you can look to for inspiration. Having a mentor push and challenge you to do things you never imagined possible is worth more than any book.