

## CMRR Students Selected as Young Marconi Scholars

CMRR graduate student **Eitan Yaakobi** and CMRR visiting graduate student **Marco Papaleo** have been selected as Marconi Scholars for 2009 by the [Marconi Society](#). The honor includes a \$4,000 cash prize, which will be presented at the Marconi Society Award Dinner in Bologna, Italy, on October 9, 2009. The prize also includes \$1,000 to help defray travel expenses to the event.

The event includes two days of symposia. October 8th includes a historical focus, and presentations by the Young Scholars. October 9th will include presentations by former Marconi Fellows, this year's winners, and culminates with the Gala Award Dinner.



**Marco Papaleo** is a visiting graduate student under Professor Paul H. Siegel and Professor Jack K. Wolf. He received his B.S. and M.Sc. degrees (summa cum laude) in telecommunication engineering from the University of Bologna, Italy, in 2003 and in 2006, respectively. He received an award for one of the three best theses in telecommunication engineering from [University of Bologna](#) for the academic year 2004-2005. In January 2006, he joined the Advanced Research Center on Electronic Systems for Information and Communications Technologies "Ercole De Castro" (ARCES) at the University of Bologna, where he also began his Ph.D. studies in 2007. In the summer of 2008 he was a visiting Ph.D. student at the German Aerospace Center (DLR) Institute of Communications and Navigation in Wessling. He was involved in the design and analysis of LDPC convolutional codes. In 2006, he was a visiting affiliate student at the University College of London (UCL), in England. His current research activities are focused on the next generation wireless telecommunication systems, for both terrestrial and satellite networks. In particular, he is interested in the design and performance evaluation of error control coding (with emphasis on packet level coding).



**Eitan Yaakobi** received his B.A. and M.Sc. degrees from the [Technion](#) - Israel Institute of Technology, Haifa, Israel, in 2005 and 2007, respectively, from the Computer Science Department. He is currently a Ph.D. candidate in Electrical and Computer Engineering at the University of California, San Diego, where he is associated with the Center for Magnetic Recording Research. His advisors are Professor Paul Siegel and Professor Jack Wolf. His research interests include algebraic error-correction coding, coding theory, and their applications for digital data storage, and in particular for flash memories.

### The Class of 2009 Marconi Young Scholars:

- Felix Gutierrez, *University of Texas, Austin*
- Marco Papaleo, *University of Bologna, CMRR Visiting Graduate Student*
- Eric Plum, *Optoelectronics Research Centre, University of Southampton*
- Sebastien Soudan, *Ecole Normale Supérieure de Lyon*
- Eitan Yaakobi, *University of California, San Diego, CMRR Graduate Student*