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Colorado State University Professor Mario Marconi Honored with Institute of Electrical and Electronics Engineers Fellowship

Note to Reporters: A photo of Mario Marconi is available with the news release at <http://www.news.colostate.edu>.

FORT COLLINS - Mario Marconi, professor in Colorado State University's Electrical and Computer Engineering department in the College of Engineering, has been recognized as an Institute of Electrical and Electronics Engineers Fellow – his second major honor this year.

Marconi was the only CSU scientist acknowledged in this year's class of Fellows. He was recognized for his contributions to development and use of compact soft x-ray lasers.

In January 2011, Marconi was named a Fellow with the Optical Society of America for contributions to the advancement of optics. Marconi was recognized for "significant contributions to the development of compact soft x-ray lasers and for pioneering their use in table top coherent lithography, holography and interferometry."

Marconi, who joined Colorado State in 2004, is a member of the NSF Engineering Research Center for Extreme Ultraviolet Science and Technology - a multi-institutional center based at CSU - where his research is focused in nanopatterning and high-resolution imaging.

IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE and its members inspire a global community through IEEE's highly cited publications, conferences, technology standards and professional and educational activities.

Marconi is currently exploring new possible applications of extreme ultraviolet lasers for nanofabrication and to obtain images of objects with nanometer resolution, similar to the resolution that can be achieved using electron microscopes. Since joining Colorado State, Marconi has been involved with \$5 million in research contracts awarded to the university.

About IEEE

The IEEE website states that the grade of Fellow first appeared in the AIEE constitution of 1912. That year, the AIEE revised its membership structure and established the grade of Fellow for those engineers who had demonstrated outstanding proficiency and had achieved distinction in their profession. Today, the IEEE grade of Fellow is conferred by the Board of Directors upon a person with an extraordinary record of accomplishments in any of the IEEE fields of interest.



Mario Marconi

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