## Working at CSU

Professor becomes American Physical Society Fellow

December 6, 2013

CSU professor Sandra G. Biedron has been named a Fellow of the American Physical Society, an honor achieved by less than one percent of the organization's 50,000-plus members.

Before joining CSU, Biedron was the Department of Defense project office director and a physicist at Argonne National Laboratory and was an associate director of the Argonne Accelerator Institute.

She consulted on the successful FERMI free-electron laser project and user facility at Sincrotone Trieste laboratory in Basovizza, Italy. The project is a high-brightness laser-like source operating from the UV to soft X-rays, used for a myriad of science and technology investigations. It was the world's first soft X-ray, fully coherent and stable free-electron laser (FEL) user facility produced by using electrons near the speed of light.
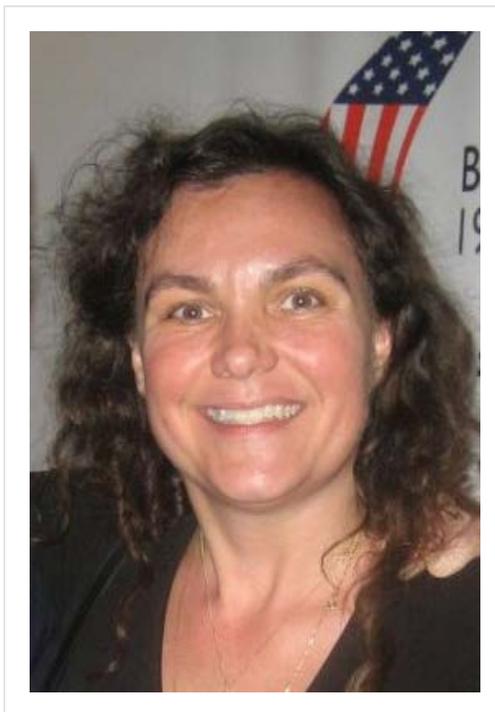
Biedron's recent work

Biedron recently helped lead the security and defense portion of the Accelerators for America's Future publication sponsored by the Department of Energy, the follow-on support information for a report requested by the U.S. Senate, and a subsequent DOE report on high-powered lasers.

She currently serves on a NATO panel for sensors and electronics.

The criterion for election as an APS Fellow are exceptional contributions to the physics enterprise, e.g., outstanding physics research; important applications of physics; leadership in or service to physics; or significant contributions to physics education.

The American Physical Society is a nonprofit membership organization working to advance and diffuse the knowledge of physics through its outstanding research journals, scientific meetings, and education, outreach, advocacy and international activities.

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