

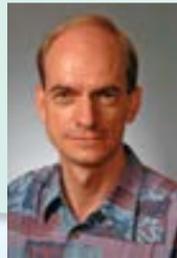
Soukoulis wins Born Award

Ames Laboratory senior physicist Costas Soukoulis has been named as the recipient of the 2014 Max Born Award by the Optical Society. Soukoulis is being recognized for “his creative and outstanding theoretical and experimental research in the fields of photonic crystals and left-handed metamaterials and for novel applications of these materials to manipulate electromagnetic radiation.”

The award, which recognizes contributions to physical optics, is named for Max Born, a German physicist and mathematician who was instrumental in the development of quantum mechanics, solid-state physics and optics and winner of the 1954 Nobel Prize in Physics.



Costas Soukoulis



Andreas Kressig



Pat Thiel

Outstanding APS Referees

Two Ames Lab scientists, **Andreas Kressig** and **Pat Thiel**, were named 2014 American Physical Society Outstanding Referees. The award recognizes scientists for their exceptional quality, number and timeliness of their work assessing manuscripts for publication in APS scientific journals.

Three named APS Fellows

Three Ames Lab scientists have been named 2014 Fellows of the American Physical Society. The Fellow award recognizes exceptional contributions in the field of physics through research, application, service or education.



Klaus Schmidt-Rohr for “inventing and improving advanced solid-state NMR techniques that provide important new information about polymers, such as the Nafion used in fuel cells, those which occur naturally in plants and soils, and those which form nanocomposites in bone.”



Makariy Tanatar for “studies of the superconducting and normal states of unconventional superconductors using directional charge and heat transport measurements.”



Adam Kaminski for “angle-resolved photoemission spectroscopy studies of unconventional superconductors.”



Gordon named Schrodinger Medal winner

The World Association of Theoretical and Computational Chemists has named Ames Lab scientist **Mark Gordon** the 2014 Schrodinger Medal winner. The WATCC awards the Schrodinger medal each year to one outstanding theoretical and computational chemist.



Gschneidner receives Acta Materialia award

Karl A. Gschneidner Jr., senior metallurgist at Ames Laboratory, was presented the 2014 Acta Materialia Materials and Society Award in February. The award honors scientists who have made a major positive impact on society through materials science.



ADAM SCHWARTZ HAS BEEN NAMED THE next director of the Ames Laboratory. The announcement was made April 17 and Schwartz began his duties on June 2.

Schwartz comes to Ames from Lawrence Livermore National Laboratory where he served as division leader of the Condensed Matter and Materials Division and also coordinated LLNL’s projects for the Critical Materials Institute, a \$120 million DOE Energy Innovation Hub led by the Ames Laboratory.

“Ames is a world-class institution known for its work in materials science, computational chemistry and condensed matter theory, and Adam will certainly maintain the high caliber of research,” said Secretary of Energy Ernest Moniz. “He will guide Ames Lab as it confronts new challenges in science and technology in service to our nation.”

“Iowa State is honored to operate the Ames Lab on behalf of the Department of Energy, and the partnership between the University and Lab is important to the entire nation,” said President Steven Leath. “Dr. Schwartz’s outstanding scientific credentials, leadership skills, and vision will be tremendous assets in moving the Lab forward.”

Schwartz is an accomplished researcher whose work has focused on plutonium aging and alloys, advanced characterization, and the dynamic properties of materials. In addition to serving as director of the Ames Laboratory, he will also hold the rank of tenured professor in Iowa State’s Department of Materials Science and Engineering.

“The Ames Lab is a world leader in materials science, with an exceptional reputation, and with great momentum,” Schwartz said. “I look forward to working with the Lab’s scientists and operations staff to develop new materials and technologies that address America’s energy challenges.”

Schwartz earned bachelor’s and master’s degrees in metallurgical engineering, and a Ph.D. in materials science and engineering, all from the University of Pittsburgh. He joined Lawrence Livermore National Laboratory as a postdoctoral research associate in 1991.

Schwartz replaces former Ames Lab director Alex King, who stepped down in April 2013 to become director of the Critical Materials Institute. Tom Lograsso, acting deputy director and division director for materials science and engineering, served as interim director during the year-long search process.

