



Professor Helmut Schwarz, President of the Alexander von Humboldt Foundation presents the Humboldt Research Award to Ernst Bauer on March 27, 2009.

## ASU Physics' Bauer receives two honors in Spring 2009

[Ernst Bauer](#), Distinguished Professor of Research in ASU Physics, was honored in Spring 2009 with two prestigious awards, adding to a long list of career achievements.

In March, Bauer received the Humboldt Research Award during the Symposium of the Alexander von Humboldt Foundation in Bamberg, Germany. The award is granted "in recognition of a researcher's entire achievements...to academics whose fundamental discoveries, new theories, or insights have had a significant impact on their own

discipline." The Humboldt Foundation recognized Bauer for his "excellent achievements in solid state physics."

A month later, Bauer was awarded the title - *Doctor honoris causa* by Maria Curie-Skłodowska University in Lublin, Poland. In addition to citing his contribution to the growth of crystals and the development of the Low Energy Electron Microscope, Professor Mieczyslaw Jalochocki praised Bauer for his thirty-year collaboration with the university, during which time he has shared "his knowledge and experience" with the community of Polish physicists.

The honorary degree was particularly meaningful to Bauer because of the emphasis on human relationships through science. Throughout his career, he worked to establish scientific collaborations across the globe - often



Ernst Bauer is awarded the title *Doctor honoris causa* in an official ceremony at Maria Curie-Skłodowska University in Lublin, Poland on April 16, 2009.

when others would not. Bauer's wife and fellow physicist, [Anastassia Pavlovska](#) notes that during the cold war, when scientists from eastern European countries were completely isolated and unable to perform competitive research, Ernst made a point to include scientists from those countries in his research, including seventeen scientists from Poland.

His international collaborations extended beyond eastern Europe to include visiting scientists from the U.S., India, Japan, China, Greece, South Africa, Canada, Sweden, Korea, and Holland among others, for a total of 82 visitors. Bauer continued his collaborations after moving to ASU in 1991 with scientists from Poland, Japan, Italy, Germany, and Hong Kong. In short, his love of science, his hospitality, and generosity know no national boundaries. The impact of such relationships was showcased at the Lublin event as many current and former collaborators made the trip to honor and show their respect for their dear colleague, resulting in a truly special and heart-warming ceremony.