

1981 Von Hippel Award Winner



**Professor James W. Mayer,
Bard Professor of Materials Science,
Cornell University**

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James W. Mayer is the Francis Norwood Bard Professor of Materials Science and Engineering at Cornell University. He came to Cornell from the California Institute of Technology where he was Professor of Electrical Engineering, Master of Student Houses and SCUBA instructor. Prior to that he was employed at Hughes Research Laboratories and received his Ph.D. in Physics (1960) at Purdue University. His wife, Betty is Asst. Professor at the Campus School, State University of New York, College at College. Jim Mayer's research is in the field of particle-solid interactions and thin film reactions and covers topics such as nuclear-particle detectors, ion implantation, ion-beam mixing, Rutherford backscattering and channeling, silicide formation and epitaxial growth of semiconductors (thermal and laser annealing). He has coauthored six books in the field and has published over three hundred papers. He is a Fellow of the American Physical Society and IEEE and a Member of the Bohmische Physical Society.

The von Hippel award will be presented in the East Ballroom, Tuesday, November 17, at 5:30 p.m. Following the presentation Professor Mayer will give the award address "Conflict or Collaboration; Materials Science in University and Industry." A wine and cheese reception will immediately follow the address.