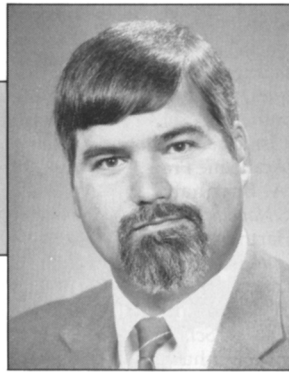


Fauchet, Poker, and Taub are 1993 MRS Fall Meeting Chairs

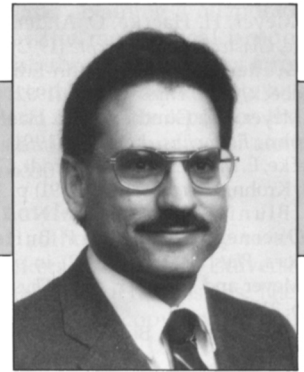
November 29–December 3, 1993, Boston, Massachusetts



Philippe M. Fauchet



David B. Poker



Alan I. Taub

Philippe M. Fauchet, David B. Poker, and Alan I. Taub will serve as meeting chairs for the 1993 MRS Fall Meeting in Boston. "The annual meetings of MRS play a critical role in modern research," says Philippe Fauchet, "because they are among the very few truly interdisciplinary forums, where physicists, chemists, materials scientists, engineers, and others can meet and discuss their progress and problems. My own research is a combination of optics, solid-state physics, materials sciences, and engineering that requires a constant dialogue between these disciplines. Research involving almost any type of advanced materials has similar requirements. The Fall 1993 Meeting will provide a forum for this dialogue, between related symposia emphasizing different aspects of a similar problem, and within each symposium, where there will be invited and contributed presentations that emphasize complementary aspects of a given field.

"In addition, there will be ample opportunities for a dialogue between industrial, academic, and national laboratory researchers, from North America as well as from the rest of the world. Student participation, crucial for the future of not only MRS but also our technological society, will be encouraged through programs such as the graduate student awards. The program of the Fall 1993 Meeting preserves the strength of MRS in the areas traditionally represented at Boston, such as semiconductor materials, beam-solid interactions, or fractals. It will also include new fields such as biomaterials, materials processes for factories, or new solid-state laser hosts, which are of growing technological and societal interests."

Philippe M. Fauchet is an associate professor of electrical engineering at the Uni-

versity of Rochester and a scientist at the Laboratory for Laser Energetics, where he researches femtosecond optical spectroscopy. His group conducts electronic and optical processes in III-V semiconductors and noncrystalline silicon, as well as other optoelectronic and materials studies. After studying electrical engineering in Belgium, Fauchet received his MS degree in engineering from Brown University and his PhD degree in physics from Stanford University. Following an IBM Postdoctoral Fellowship, he joined the Princeton University electrical engineering faculty where he received numerous awards for his work, including an Alfred P. Sloan Research Fellowship and an NSF Presidential Young Investigator award. Fauchet is the author of nearly 150 publications and invited papers and presentations and has chaired several conferences and symposia with SPIE and IEEE LEOS, as well as with MRS.

David B. Poker is group leader of the Surface Modification and Characterization Research Facility at Oak Ridge National Laboratory and is responsible for the operation of the facility as well as its collaborative research program. His research interests include ion implantation of LiNbO_3 for the production of optical waveguides. He received his BS, MS, and PhD degrees in physics from the University of Illinois at Urbana-Champaign, where he studied low-temperature ultrasonic relaxation due to hydrogen in metals. In 1978, Poker joined the Solid State Division at Oak Ridge to study the mobility of helium in solids, and spent a year (1985-86) at the Kernforschungsanlage Jülich studying ion beam mixing of superlattices and ion-induced whisker growth. He was a member of the program committee of the

Seventh International Conference on Ion Beam Modification of Materials and co-edited the proceedings. Poker was co-organizer of the Spring 1989 MRS Symposium on Optical Materials: Processing and Science and is a member of the MRS Publications Committee.

Alan I. Taub is manager of General Electric's Materials Properties and Processes Laboratory. His group works on refractory metal processing for lighting and medical applications, superconducting materials for magnets and electronics, and the development of improved materials manufacturing processes. Taub received his BS degree in materials engineering from Brown University and his MS and PhD degrees in applied physics from Harvard University. He then joined GE, where his work produced a constitutive law that describes flow in all amorphous alloys, resulting in new annealing and cutting techniques. Taub subsequently studied the mechanical properties of rapidly solidified nickel-base alloys, with emphasis on improved ductility in intermetallic compounds for aircraft engine applications. He has authored more than 60 technical publications, including three chapters, and has been awarded 26 patents. Taub is a recipient of the Morris Cohen Award for Materials Science, the Alfred Geisler Award from ASM, and Tau Beta Pi and IBM Predoctoral fellowships. He has organized several conferences on amorphous alloys and high-temperature materials, including two symposia for MRS, and has served on the editorial boards of *International Materials Reviews* and *International Journal of Rapid Solidification*. He also serves on the advisory board of the Barnett Institute of Northeastern University. □