

Speaker Profile

<p>Contact Details:</p> <p>University of Minnesota Department of Chemical Engineering and Materials Science 151 Amundson Hall, 421 Washington Avenue SE Minneapolis, MN 55455- 0132 Fax: (612) 626-7246 Phone: (612) 625-8593 Email: aydil@tc.umn.edu</p>	<p>Eray S. Aydil Professor University of Minnesota</p> <p>Professor Eray S. Aydil is a member of the faculty at the University of Minnesota Chemical Engineering and Materials Science Department. He received his B.S. degrees in chemical engineering and in materials science from the University of California, Berkeley, both in 1986. He completed his graduate research at the University of Houston and received his Ph.D. degree in chemical engineering in 1991. After postdoctoral work at Bell Laboratories, he joined the faculty of the chemical engineering department at the University of California, Santa Barbara in 1993 where he stayed until 2005. In 2005, he left UCSB to join the faculty at the University of Minnesota Chemical Engineering and Materials Science Department. He has authored and coauthored over 120 papers and holds 4 patents. Professor Aydil is interested in solving technologically important and fundamental problems encountered in materials processing for applications in electronic and photovoltaic device manufacturing. Specifically, he is interested in understanding thin film deposition and etching processes used in synthesis of nanostructured materials and in manufacturing of integrated circuits and solar cells. He has received the National Young Investigator Award of the National Science Foundation, the Norman Hackerman Young Author Award of the Electrochemical Society, the Camille-Dreyfus Award of the Dreyfus Foundation, and Peter Mark Memorial Award of the American Vacuum Society for his research in this field. He is a fellow of the AVS.</p>
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