Notes on Distinguished Speakers - Eisenbud and McLaughlin

David Eisenbud

Dr. David Eisenbud received his Ph.D. in mathematics from the University of Chicago in 1970. He spend most of his career as a professor of mathematics at Brandeis University; presently he is a professor at the University of California, Berkeley, Director of MSRI, and president of the American Mathematical Society. Dr. Eisenbud is an expert on commutative algebra and algebraic geometry; he has written five books and more than 100 publications on schemes, knots and links, primary decomposition of ideals, and computational methods. Dr. Eisenbud has been the thesis advisor to 21 doctoral students.

Joyce McLaughlin

Dr. Joyce McLaughlin received her Ph.D. in mathematics from the University of California, Riverside, in 1968 (and her B.S. in mathematics from Kansas State University in 1961). Dr. McLaughlin is the Ford Foundation Professor of Mathematics at Rensselaer Polytechnic Institute. She is an expert on nonlinear analysis in inverse problems and optimization, and has 42 publications on inverse scattering in acoustic media, recovering coefficients in differential equations from spectral data and asymptotic and numerical analysis. Her work blends mathematics and mechanics, and has applications in the design of medical diagnostic tools. Dr. McLaughlin is a member of the boards of trustees for MSRI at Berkeley, IPAM at UCLA, and the Society for Industrial and Applied Mathematics.