

R. D. Mindlin and Applied Mechanics

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Raymond D. Mindlin, one of the greatest solid mechanicians of the 20th century, was born on September 17, 1906 in New York City. The year 2006 marks his 100th anniversary. Professor Mindlin had made seminal contributions to many branches of applied mechanics, including structural mechanics, elasticity, contact and impact mechanics, vibrations and acoustics, viscoelasticity, piezoelectricity, solid-fluid interaction, micromechanics, gradient theory, unified multiscale constitutive theory, etc. His pioneering work has inspired many of the contemporary research areas, ranging from solid mechanics to soil mechanics, from structural mechanics to lattice theory, from size effect in metals to mechanics of quantum dots.

The goal of the Mindlin Centennial Symposium is to celebrate the 100th anniversary of Professor Mindlin, by bringing together a group of researchers working at both traditional and new frontiers of applied mechanics. Speakers will present fundamental work that covers experiment, theory and/or computation in the broad area of solid mechanics, including both traditional and new research frontiers, as well as areas impacted by Mindlin's research.