LEONID I. RUDIN

will deliver the
CHARLES R. DePRIMA
MEMORIAL UNDERGRADUATE MATHEMATICS LECTURE

Mathematical Anatomy of Video

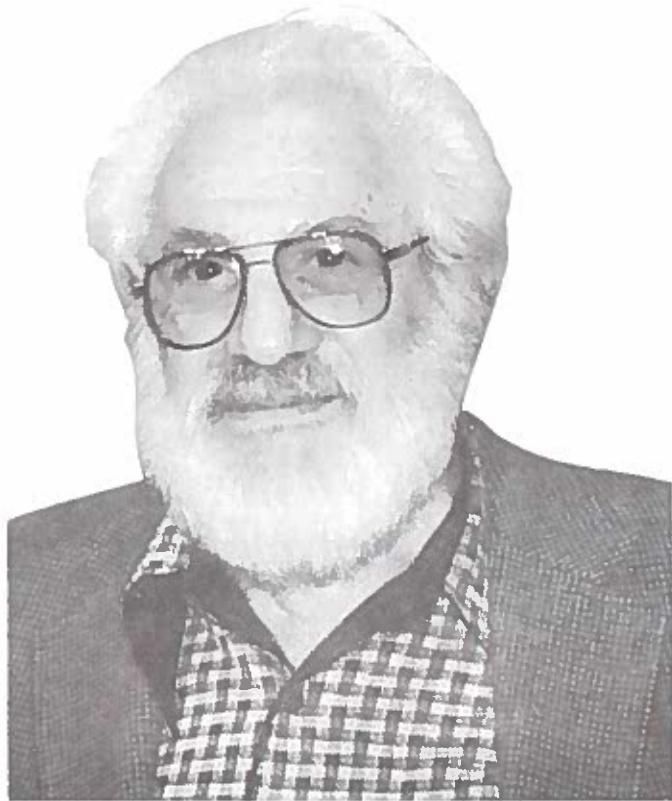**Tuesday, November 24, 4:15 p.m.**
151 Sloan
California Institute of Technology

LEONID I. RUDIN

Dr. Leonid I. Rudin received his M.S. and Ph.D. degrees in computer science from Caltech, in 1981 and 1987 respectively. In 1988, he co-founded Cognitech, Inc., where he is currently CEO.

Cognitech is the Pasadena digital video software technology company which developed the acclaimed "Cognitech Video Investigator" for video analysts. Dr. Rudin has been extensively involved in forensic applications of video processing. He was a key video forensic expert at the Los Angeles Riot Trial, a member of the Los Angeles District Attorney's OJ Simpson investigation team, and a videogrammetric principal expert on aerial mishaps for US Navy and Air Force. He has close professional affiliations with the FBI's video forensic lab, and the Scotland Yard and London Metropolitan Police forensic departments. He is presently Chair of the Investigative Image Processing Group of the International Society of Optical Engineering and has been elected as a Diplomat of the International Society of Forensic Examiners.

In addition to being CEO of Cognitech, Dr. Leonid Rudin continues to be an active researcher and has authored several US patents. He was a visiting scholar at UCLA and has held very distinguished visiting positions at Paris IX, the Center for Industrial Mathematics (Paris) and the Ecole Normale Sup. in Cachon France. He was a plenary speaker at the AAAS, Atlanta 1997 Lecture Series as well as at the Presidential Jason committee on Science and Technology.

His work has appeared on Discovery Channel Specials, Unsolved Mysteries, Top Ten Wanted, major TV network news programs, and the Wall Street Journal.

CALIFORNIA INSTITUTE OF TECHNOLOGY

CHARLES R. DEPRIMA MEMORIAL
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LECTURE
1998

The Charles R. DePrima Memorial Undergraduate Mathematics Lecture was established by a gift from Charles R. DePrima and Margaret Thurmond DePrima. The Institute is privileged to honor the memory of Professor DePrima and his distinguished contribution to mathematics and Caltech, where he served as a faculty member for over forty years, with a lecture each year by an outstanding mathematician.