



## LENNART CARLESON

ROYAL INSTITUTE OF TECHNOLOGY, STOCKHOLM

and

UNIVERSITY OF CALIFORNIA, LOS ANGELES

will deliver the

### LEONIDAS ALAOGLU MEMORIAL LECTURE

*Can We Trust Computer Generated Images*

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Tuesday, February 14, 1995, 4:15 p.m.

151 Sloan

California Institute of Technology

## LENNART CARLESON

Dr. Lennart Carleson, one of the great analysts of the 20th century, received both his B.A. in 1947 and his Ph.D. in 1950 from the University of Uppsala, Sweden. He did postdoctoral work at Harvard for a year before returning to Uppsala as an assistant professor. From 1955 to 1993 he served as professor at Uppsala, holding a joint appointment at UCLA since 1986. Currently he serves as Professor at KTH, the Royal Institute of Technology, Stockholm and UCLA.

Over a career of more than 4 decades, Carleson has made fundamental contributions to Fourier analysis, complex analysis, quasiconformal mappings, and dynamical systems. His works have solved a host of major problems e.g., positive solutions to the Corona and Lusin conjectures and a proof (with Benedicks) that the Henon map  $(x,y) \rightarrow (1+y-ax, bx)$  exhibits "strange attractors" for a positive measure set of parameter values. Furthermore these solutions have introduced new methods and concepts of fundamental importance as well as opening up new areas of research.

In 1984 Carleson received the Steele prize of the AMS and in 1992 was the recipient of the Wolf prize in Mathematics. A member of the Swedish Academy of Sciences, Carleson is also a foreign member of the American Academy of Arts and Sciences as well as of the Soviet, Danish, Norwegian, Finnish, and Hungarian Academies of Science. He was director of the Mittag-Leffler Institute from 1968 to 1984 and was President of the International Mathematics Union from 1978 to 1982.



CALIFORNIA INSTITUTE OF TECHNOLOGY

**LEONIDAS ALAOGU  
MEMORIAL LECTURE  
IN MATHEMATICS**

**1995**

The Leonidas Alaoglu Memorial Lecture was established by friends and family of the late Leonidas Alaoglu in recognition of his great talents, his distinguished contributions to mathematics, and his long friendship with Caltech. The Institute is privileged to honor his memory with a lecture each year by an outstanding mathematician.

