

Media advisory, free public lecture "Frontiers in Computer Science Distinguished Lecture" to be held at UCSD October 17

October 14, 1991

MEDIA ADVISORY

EVENT: "Frontiers in Computer Science Distinguished Lecture" to be delivered by Justin Rattner, founder and director of technology of the Supercomputer Systems Division of Intel Corporation

TIME/DATE: 4-5 p.m., October 17

LOCATION: Room 4301, AP&M Bldg. UCSD campus

BACKGROUND: Justin Rattner is considered one of the leading authorities in the world in supercomputers based on parallel processors. Named Scientist of the Year in 1989 by R&D Magazine, Rattner often is cited as the "Father of Parallel Valley," the concentration of companies near Portland, Ore., that design and market parallel computers and parallel programming tools. Rattner also is principal investigator for the Touchstone project, a \$27 million research and development program funded by the Defense Advanced Research Projects Agency (DARPA) and Intel to develop a 150 gigaflop (billion floating point operations per second) parallel supercomputer.

Rattner's free public talk, "Beyond Touchstone: The Road to TeraFLOPS," will describe efforts to create computers capable of a trillion mathematical operations per second. Many government officials believe such computers are essential to solve some of the toughest problems in such areas as climate forecasting, drug design and the development of new superconductors.

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