

"Future Problems in Mechanics and Materials" meeting, July 6-9 at IBM Almaden Research Ctr.

July 2, 1993

MEDIA ADVISORY

EVENT: "Future Problems in Mechanics and Materials" -- first meeting of its kind specifically directed toward young researchers in this growing field.

DATES/TIMES: July 6--July 9 (see attached program)

LOCATION: IBM Almaden Research Center, San Jose, Calif.

BACKGROUND: About 100 representatives from industry, government and academia will explore the use of novel materials for future uses in transportation, communications, electronics and biomedical devices.

Among the topics being explored are new advances in aircraft engines and design, magnetic storage for computers, batteries and fuel cells to meet future energy needs, new "superplastic" materials for airplanes and automobiles, and advanced equipment for medical diagnostics.

Members of the news media are invited to the event and to interview participants.

The unusual gathering represents the first time young investigators (ie. Presidential Young Investigators, NSF Young Investigators) are being brought together with industrial representatives and senior researchers from the national laboratories to discuss future directions for materials research.

The event is being sponsored by IBM's Division of Research, and the Institute for Mechanics and Materials-- established last year at the University of California, San Diego to foster scientific collaborations in materials science and theoretical mechanics.

Richard Skalak, director of the Institute for Mechanics and Materials at UCSD, helped organize the event. John Lewandowski of Case Western Reserve University, is serving as program committee chairperson.

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(July 2, 1993)