

Magnetic recording expert at UCSD (new endowed chair appointment)

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MAGNETIC RECORDING EXPERT AT UCSD

Dr. Frank E. Talke, a leading expert in the instrumentation used to assess the mechanical performance of magnetic recording systems, has been appointed to an endowed chair in the new Center for Magnetic Recording Research (CMRR) at the University of California, San Diego.

He also was named a professor in the UCSD Department of Applied Mechanics and Electrical Engineering. He will officially join CMRR and the UCSD faculty in March.

The Center for Magnetic Recording Research was created in 1983 to conduct research into the field of magnetic recording, a key technology for the computer and video recording industries.

Talke has worked at IBM Research, San Jose, since 1969, specializing in various mechanical and materials aspects of magnetic recording and printing technologies. He served as manager of the mechanics group and device mechanics while at IBM.

"He's a world class authority on the application of mechanical engineering to magnetic tape and disk drives," Center Director John C. Mallinson, said recently.

"Frank Talke is a terrific addition to the faculty," Dr. Lea Rudee, dean of the UCSD Division of Engineering, said. "He fits in extremely well with the academic program in mechanical engineering and the Center for Magnetic Recording Research."

Talke has been a guest lecturer at the University of Santa Clara for 15 years. In 1984 he took a sabbatical from IBM to teach in the Department of Mechanical Engineering at UC Berkeley. While there, he worked with Professor David Bogy on CMRR-funded projects in head-disk dynamics and head-disk tribology, a study dealing with design, friction, wear and lubrication of interacting, moving surfaces.

Born in Germany, Talke was valedictorian of his high school graduating class in Reik. He came to the U.S. after completing his undergraduate work at the University of Stuttgart and received a Ph.D. in mechanical engineering from UC Berkeley.

Talke, winner of a number of honors and awards for his work, has published some 40 papers and has 11 patents to his credit.

CMRR, the first major academic center devoted to magnetic recording research and education, is supported primarily by a consortium of large magnetic recording firms.

Talke's appointment filled the third of four endowed chairs at CMRR. Filling the other two chairs are Dr. Jack K. Wolf and Dr. H. Neal Bertram, both professors in the UCSD Department of Electrical Engineering and Computer Sciences.

(November 14, 1985) For more information contact: Susan Pollock, 452-3120