



Y2003 Annual Report
ISSO

The Institute for Space Systems Operations

University of Houston
University of Houston-Clear Lake
NASA-Johnson Space Center

Spring 2004

FRONT COVER—Research continues on the dielectric resonator antenna (DRA), developed by Prof. Stuart Long in the 1980s. The DRA is a chip of ceramic-type material configured into various designs—rectangular, hemispherical or cylindrical—mounted on a ground plane and fed by a probe, microstrip line, or a slot in the ground plane. At certain frequencies, these DRAs can be made to resonate. Andrew Walsh, engaged in study for a master’s degree in electrical and computing engineering, is shown examining a cylindrical resonator antenna.

BACK COVER—Dr. John Bear, Dean of the College of Natural Sciences and Mathematics, looks upon the construction site of the new science research and classroom building on Cullen Boulevard. The building will add needed classrooms on campus. The science building is one of a number of new complexes on the UH campus including the Wellness Center, the expansion of the M. D. Anderson Library, and new fraternity housing.



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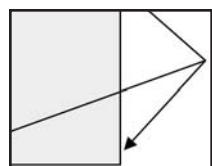
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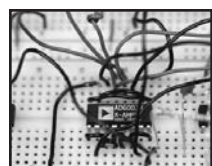
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