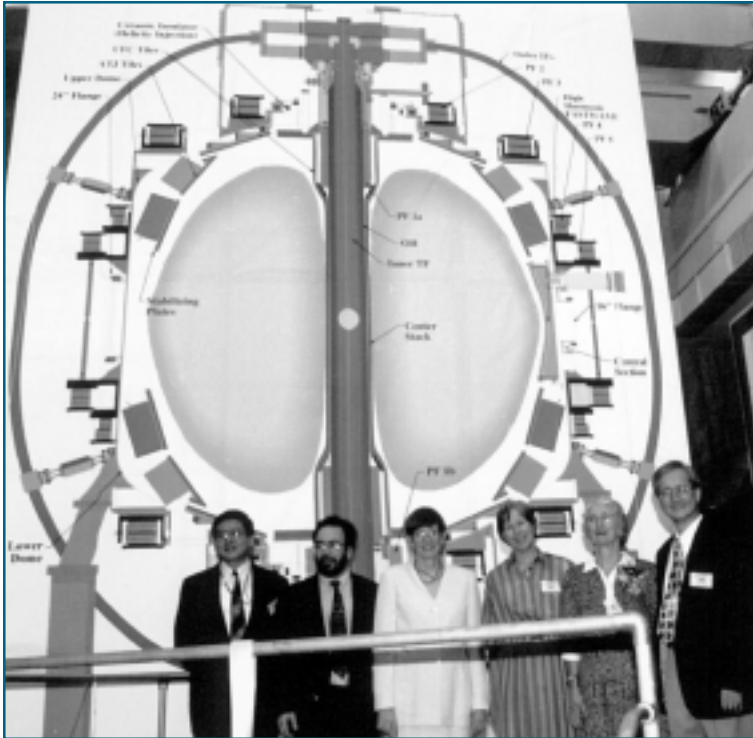


# The Year in Pictures

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*PPPL celebrated the dedication of the Lyman Spitzer Building and the groundbreaking of the National Spherical Torus Experiment (NSTX) on May 18, 1998. Standing in front of a full-scale drawing of NSTX at the groundbreaking ceremony are (from left) Masa Ono, NSTX Project Director; Rob Goldston, Director of PPPL; Martha Krebs, Director of the U.S. Department of Energy's Office of Science; N. Anne Davies, Associate Director, U.S. Department of Energy Office of Fusion Energy Sciences; Doreen Spitzer, widow of Lyman Spitzer, Jr.; and Martin Peng NSTX Program Director.*

*PPPL's Laboratory Office Building was renamed in honor of Laboratory founder Lyman Spitzer, Jr., who died in 1997. Mrs. Spitzer (right) and Martha Krebs, Director of the U.S. Department of Energy's Office of Science, view the building plaque after the unveiling at the building dedication.*

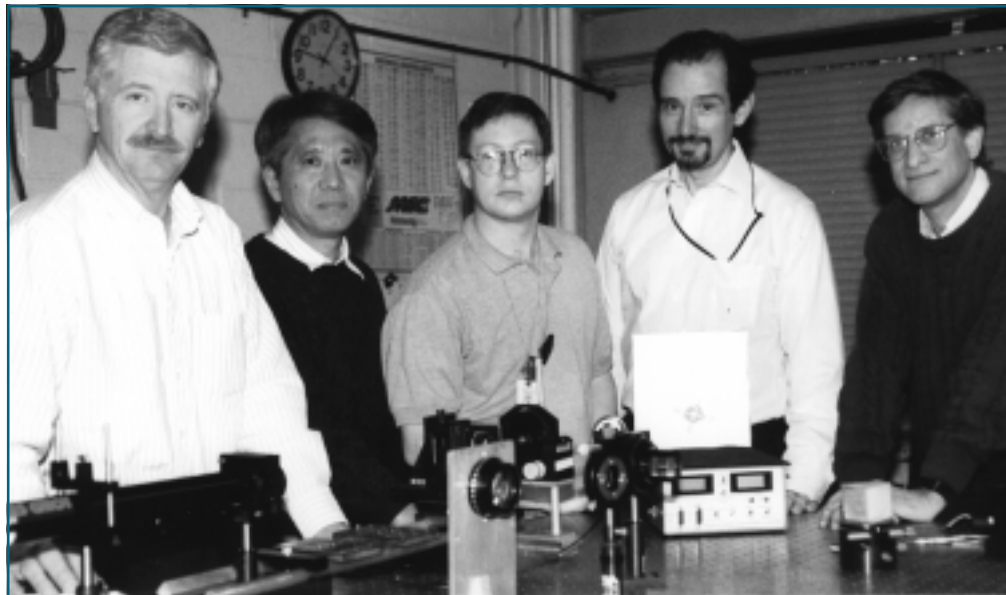




*In April, PPPL participated in Communi-versity, an annual springtime celebration that joins Princeton University with the community of Princeton. In photo above, PPPL Associate Director for External Affairs John DeLooper (left) demonstrates turbulence with a flowing bubble apparatus to the sons of PPPL Deputy Director Richard Hawryluk as Hawryluk (in sunglasses) watches.*



*Information Services Head Anthony DeMeo fields questions about the Lab.*



*PPPL received \$700,000 in fiscal year 1998 under a Cooperative Research and Development Agreement (CRADA) between the Laboratory and the Princeton Textile Research Institute. The agreement is part of the American Textile Partnership (AMTEX) — a government-industry consortium which includes many of the nation's leading textile and apparel manufacturers. Under the terms of the CRADA, Laboratory staff will develop state-of-the-art optical techniques for the on-line characterization of synthetic fibers during production. PPPL staff involved in the AMTEX project are (from left) Dennis Mansfield, Hideo Okuda, Mark Cropper, Phil Efthimion, and Stewart Zweben. The laser device is on the table in front of Efthimion.*



*The Laboratory honored twenty-two inventors for Fiscal Year 1997 during the sixteenth annual Patent Recognition Dinner on June 16 at Princeton University's Prospect House. Those attending the dinner and receiving awards included (from left) Don Weissenburger, Joseph Cecchi, Charles Skinner, Nathaniel Fisch, Robert Woolley, Samuel Cohen, Gennady Shvets, Tobin Munsat, Jan Wioncek, Enoch Durbin, Szymon Suckewer, and Hironori Takahashi.*



*Construction of the National Spherical Torus Experiment (NSTX) progressed rapidly. The 23,000-pound vacuum vessel for NSTX arrived at the Laboratory on August 5, marking a major step in the construction of the new device. Earlier in the summer, the world's tallest ohmic-heating solenoid was delivered to PPPL and lowered over the inner toroidal field coils of NSTX, which were also major milestones in the assembly of the project.*



*PPPL Nobel Laureate Russell Hulse and Plainsboro Public Library Director Jinny Baeckler spearheaded a project called "Contact Science," which will create, disseminate, and support small-scale traveling science exhibits in public libraries. The prototype exhibit would be located at the Plainsboro, New Jersey library and travel to other libraries from there. Procter & Gamble, Inc. is funding the Phase I scoping and program development studies. The Contact Science team includes, from left, former PPPL Associate Director Dick Rossi, consultant Barbara Graham, Hulse, and Baeckler.*