



LONG-TERM FEDERAL FUNDING FOR SCIENCE & TECHNOLOGY R&D

SPIE—The International Society for Optics and Photonics supports recently enacted increases in research and development (R&D) funding passed by Congress and requested by the Administration. While these investments are encouraging, SPIE urges Congress to provide for long-term federal funding for science and engineering R&D. Specifically, **SPIE urges Congress to maintain a “doubling” trajectory for science agencies for the next ten years.** This requires sustained support for annual increases in R&D funding of 5%- 6% per year. Specifically we recommend:

- increase in the FY 2010 **NSF** budget \$500 million to a total of \$7 billion
- increase funding for the **DOE Office of Science** in FY 2010 by 8% over FY 2009
- \$70 million for the **NIST Technology Innovation Program (TIP)**
- \$125 million investment in the **NIST Manufacturing Extension Partnership (MEP)**
- Consistent funding of the **Small Business Innovation Research (SBIR) and STTR** programs.