

# **COALITION FOR PLASMA SCIENCE**

**Lee Berry**

**Fusion Power Associates  
Annual Meeting and Symposium  
October 12, 2005  
Washington, D. C.**

## The Folks Who Do the Work

- **Gerry Rogoff (retired)** Vice Chair, membership, two-pagers.
- **John DeLooper (PPPL)** Secretary, materials distribution, AV equipment.
- **Patric Muggli (USC/UCLA)** Treasurer, requests.
- **Carol Danielson (GA)** materials distribution.
- **Paul Rivenberg (MIT)** graphics, website, education, evaluation, plasma page.
- **Richard Temkin (MIT)** nominating committee.
- **Steve Dean (FPA)** business responsibilities

**Special Thanks go to:**

**Washington Reps for Organizing  
Capitol Hill Seminars—especially  
Princeton (Chris Carter, Kim Nerres, Diane Jones)  
GA (Berlaunder Barns),  
and MIT (Jason Van Wey, Helen Haislmaier)  
and Congressman Holt for room requests.**

## **CPS Activites**

- **Materials:** brochure, two-pagers, posters.
- **Web page ([plasmacoalition.org](http://plasmacoalition.org)):** links to plasma sites, evaluated educational sites, membership.
- **Requests:** “800” number, e-mail.
- **Spectroscopy glasses.**
- **Plasma Page—report to members.**
- **Science Fair Award.**

## **The Plasma Science and Applications Award at the Intel International Science and Engineering Fair Is Our Newest Activity**

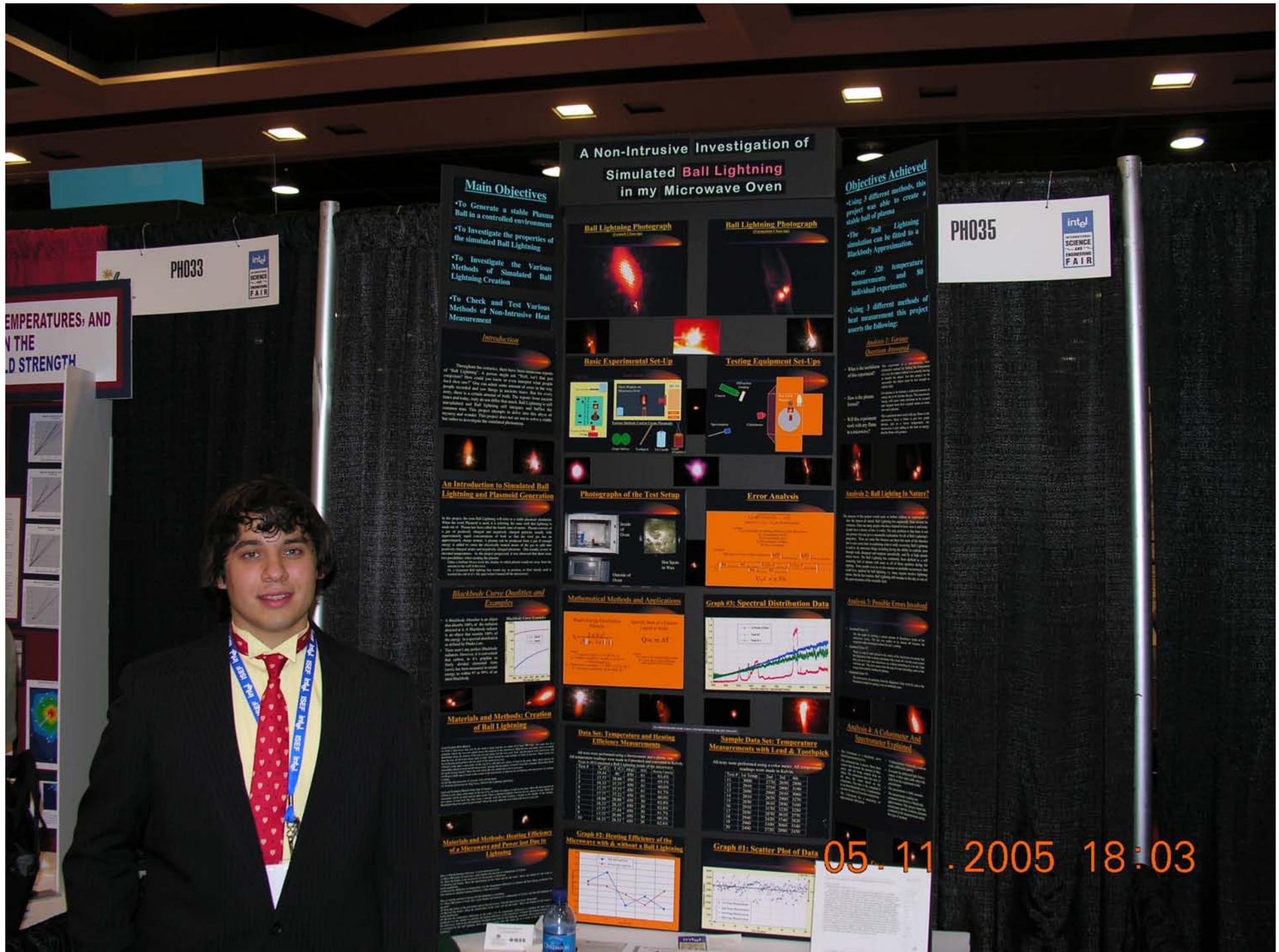
- **\$3M in prizes, 40 countries, 1000 projects, 1400 students, 1000 judges.**
- **Volunteer judges:**
  - DPP Steve Allen (LLNL)
  - IEEE/PSAC Frank Jansen (BOC Edwards), Tom Lacata
- **~40 award candidates, four finalists, two winners.**
- **Judges concluded award was worthwhile, and enjoyable.**
  - Indianapolis, IN in May 2006.



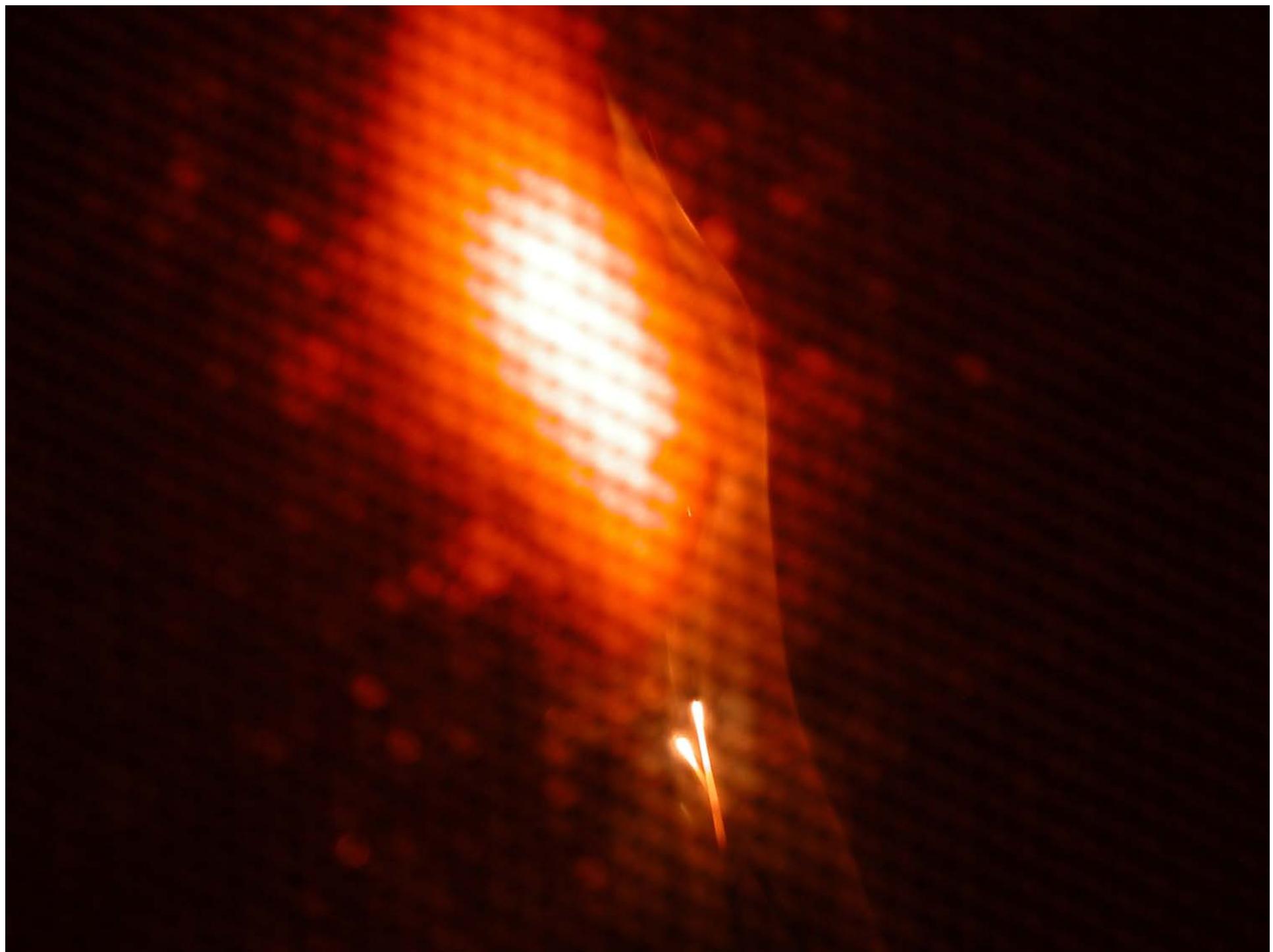
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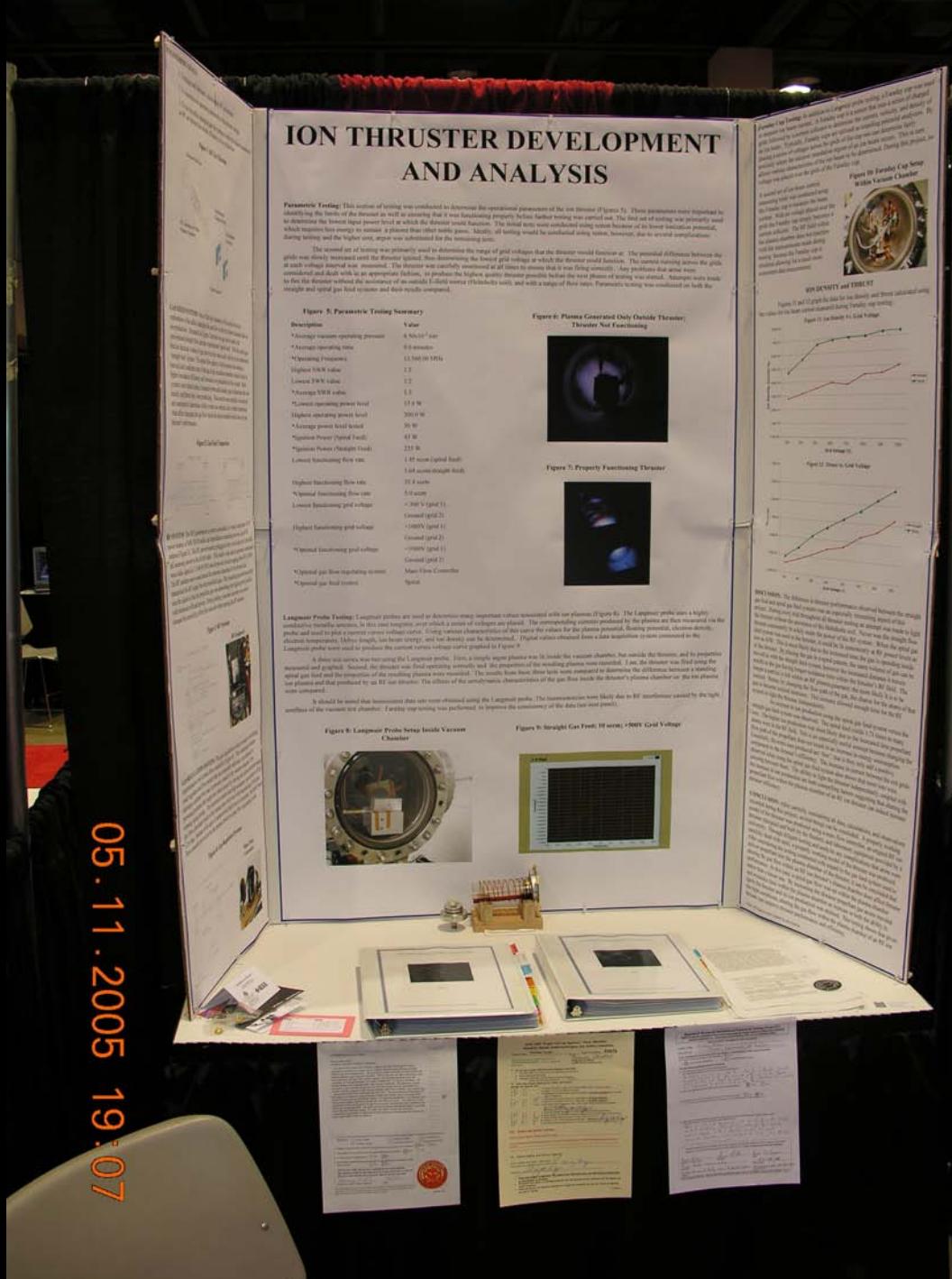
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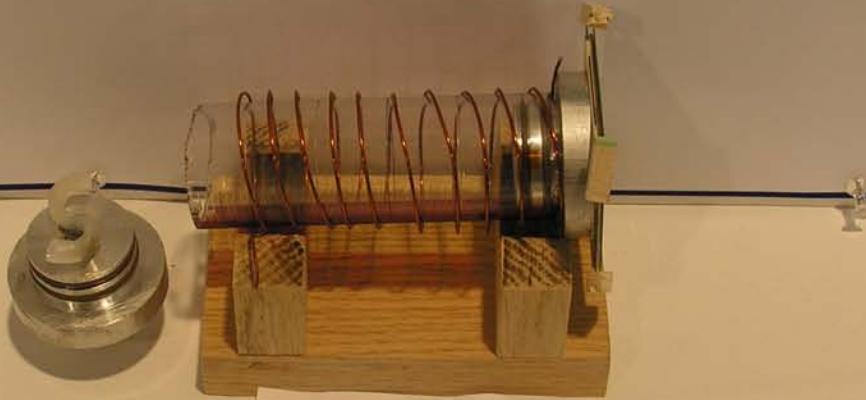
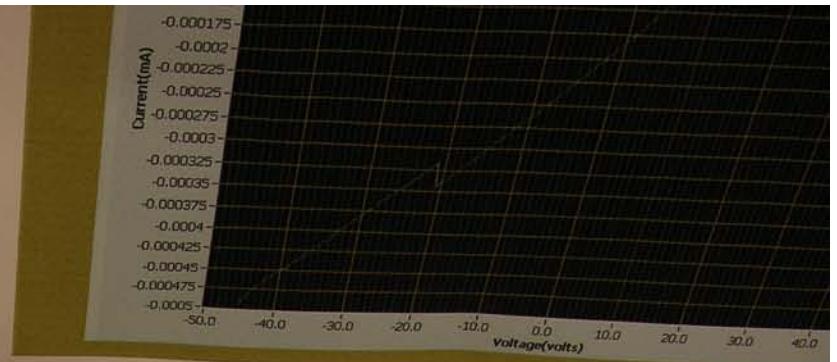
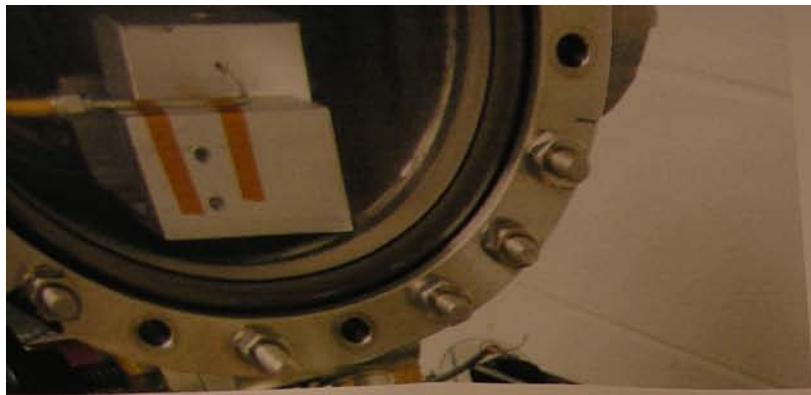


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PLEASE DO NOT TOUCH DISPLAY

ION THRUSTER DEVELOPMENT AND ANALYSIS  
RESEARCH NOTEBOOK

ION THRUSTER DEVELOPMENT AND ANALYSIS  
APPENDIX

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## **Retreat Held at MIT in August**

- **Increase Participation by members**
- **Continue the development of the two page Technical Papers**
- **Continue printing and distribution of CPS educational material (brochure and poster).**
  - Look into upgrading CPS glasses (get better grating)
  - Develop lesson plan for using the glasses.
- **Continue Capitol Hill Luncheon Education events**
  - Request volunteers for a "Washington" committee - opportunity for involving members.
  - Plan for two events this year - fusion and lightning
- **Continue development and maintenance of the CPS web site**
  - Ask for input on how to improve web page
- **Solicit for individual(s) to conduct a Demonstration Contests**

## **Additional Participation is Our Most Critical Issue**

- A range of activities are possible.
  - ongoing:
    - writing a two-pager;
    - working with science fair;
    - officer.
  - new:
    - plasma history/education site (**IEEE Microwave History**);
    - writing award;
    - new proposal

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