

FESAC Panel on Burning Plasmas

Charge

1. What scientific issues should be addressed by a burning plasma physics experiment and its major supporting elements? What are the different levels of self-heating that are needed to contribute to our understanding of these issues?
2. Which scientific issues are generic to toroidal magnetic confinement and which ones are concept-specific? What are the relative advantages of using various magnetic confinement concepts in studying burning plasma physics?

As a part of your considerations, please address how the Next Step Options program should be used to assist the community in its preparations for an assessment in 2004, as recommended in the Priorities and Balance report.

Members

J. Freidberg (Chair), Herb Berk, Riccardo Betti, Jill Dahlburg, Bick Hooper, Dale Meade, Jerry Navratil, Bill Nevins, Masa Ono, Rip Perkins, Stewart Prager, Kurt Schoenberg, Tony Taylor, Nermin Uckan

Schedule

Report by end of July, 2001

First meeting December 10, 2000