

the overwhelming importance of this fact, and thereby leads to increased effort and support on the accumulation of basic data, then it will have been a worthwhile undertaking.

T. A. Jacobs, M. Lapp, and A. Guttman
*Daniel and Florence Guggenheim Jet Propulsion Center,
 California Institute of Technology*

Fusion

ELEMENTARY aspects of achieving controllable release of energy in significant amounts from thermonuclear reactions will be covered at a symposium to be held August 22-26 in Gatlinburg, Tenn. Designed for university faculty members who have little familiarity with the subject, the meeting is sponsored by the Oak Ridge National Laboratory and the Oak Ridge Institute of Nuclear Studies, in cooperation with the Atomic Energy Commission. The program will consist of a course of four lectures on basic theory, with supplementary lectures on various separate experimental approaches and aspects of plasma physics of more general interest. Various machines used in thermonuclear studies will be discussed.

Further information on the symposium may be obtained from the University Relations Division, Oak Ridge Institute of Nuclear Studies, P. O. Box 117, Oak Ridge, Tenn.

Automatic Control

THE first annual Joint Automatic Control Conference will take place September 7-9 in Cambridge, Mass., on the campus of the Massachusetts Institute of Technology. The aim of the JACC, which is sponsored by the American Society of Mechanical Engineers, the American Institute of Chemical Engineers, the American Institute of Electrical Engineers, the Institute of Radio Engineers, and the Instrument Society of America, is to establish a single high-level technical conference devoted exclusively to the theory and application of automatic control techniques and equipment.

At this year's meeting which is being organized by the ASME Instrument & Regulators Division, the program will include three sessions on sampled data and adaptive control, three on process dynamics, four on computer control, and three on control components. There will also be a review of the proceedings of the first International Congress of the International Federation of Automatic Control, which was held in Moscow last month. For further information and a copy of the advance program when it becomes available, write to the JACC general chairman, William D. Archibald, Energy Control Company, 5 Beekman Street, New York 38, N. Y.

Nuclear Science

PAPERS on solid-state radiation detectors and low-noise amplifiers and their applications to nuclear science will be featured at the seventh annual meeting of the Professional Group on Nuclear Science of the

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