

Plans for the 1952 International Symposium on Combustion, to be held at the Massachusetts Institute of Technology from September 1 to 5, have been announced by the symposium committee. The Symposium will be open to all who are interested in combustion.

Since the last symposium was held in 1948, the accelerated pace of combustion research throughout the world has yielded an important body of new knowledge. Much of this new knowledge will be presented at the symposium in some 100 papers from Great Britain, France, Holland, Belgium, Germany and Japan as well as from the research laboratories and educational institutions of the United States. At least 50 foreign experts in the field will attend.

Papers are now being reviewed by a Papers Subcommittee of the General Symposium Committee of 68 American and 12 foreign members. Emphasis is being placed on the physical aspects of combustion, particularly wave phenomena and turbulence, treated from both experimental and theoretical standpoints.

Typical fields in which papers will be presented are ignition; stabilization in laminar and turbulent flow; limits of inflammability

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Symposium  
on  
Combustion

and detonability; instability phenomena; microstructure of combustion waves; theory of flame propagation; flame-jet structures; and combustion processes in rocket systems.

In addition to these fields, plans have been made for several survey papers and round-table discussions on special topics.

The complete papers will appear later in a single volume, similar to that issued after the 1948 Symposium. This volume, roughly 750 two-column pages, should constitute an important reference work in the field of combustion. Its partial subsidy by American industry will permit its prepublication sale at a relatively low price.

All facilities of the Institute will be open to registrants for the symposium and living accommodations will be available in M.I.T.'s Alfred E. Burton House to those who specifically request reservations in advance.

Requests for registration forms or for further information on the symposium should be addressed to Summer Session Office, Attn: Combustion Symposium Committee, Massachusetts Institute of Technology, Cambridge 39, Massachusetts, or to Professor Hoyt C. Hottel, Professor of Fuel Engineering at M.I.T. and Co-Chairman of the Symposium.

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June 24, 1952.