



Boston Section ASME



presents

Prof. David G. Wilson

speaking on the subject

"New Technology in Solid-Waste Disposal"

THURSDAY, APRIL 16, 1970

at the

**Massachusetts Institute of Technology—Faculty Club
Cambridge, Mass.**



Many variations of the age-old practices of land-fill and incineration are now available or are being developed. Pulverization, mechanical aeration, and baling are three examples of processes whose promise of vastly improved conditions in municipal "dumps" has in some cases been fulfilled. Improved control, pulverized firing, slagging combustion, and pyrolytic decomposition are all techniques under active study to bring better incineration.

Perhaps the greatest activity is in the area of recycling. A variety of imaginative techniques is under intensive study and development. These will be reviewed by Prof. Wilson, and a progress report on work under way at MIT in this area will be given. The economics of reclamation will be reviewed, and some of the problems yet to be solved will be discussed.

Lastly the area in which perhaps most needs to be done is mechanical handling and transportation, which is also the area where presently the greatest proportion of the costs of solid-waste disposal are to be found. The latest practice and some of the developments in this field will be described.

The overall picture is very promising. We have no need to "bury ourselves in trash." With a concerted engineering and political effort now our future solid-wastes treatment could be as hygienic as our water supply and as efficient as the telephone service.

Professor Wilson was born and educated in Warwickshire, England and came to the United States in 1953. In 1955 he received a post-doctoral fellowship for study and research at M.I.T. and Harvard. He has taught in Nigeria and was formerly the technical director and vice-president of the Northern Research and Engineering Corp.

At M.I.T. he has been teaching thermodynamics and mechanical design, and has been supervising research in fluid mechanics, and inter-urban transportation, highway safety, and solid-wastes management.

PRICE

Members & Guests \$4.50
Students 2.50

TIME

Social Hour 6:00 P.M.
Dinner 7:00 P.M.
Speaker 8:00 P.M.

-- Please Make Dinner Reservations Early --

By Calling 542-2001 (Air Preheater Corp.)

before Tuesday Noon, April 14

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Notice received that Boston Section ASME
will present Prof. David G. Wilson speaking
on the subject of "New Technology in Solid-
Waste Disposal" on April 16, 1970

April 13, 1970

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