

# Symposium

## Second International Symposium on Residual Gases in Electron Tubes

FOLLOWING the interest aroused by the First International Symposium on Residual Gases in Electron Tubes (Como, September 1959), the Italian Society of Physics has announced that the Second International Symposium on Residual Gases in Electron Tubes will be held in Milan on 12-15 March 1963 (*Vacuum*, 12 (6), Nov./Dec. 1962, 315), at the headquarters of Federazione delle Associazioni Scientifiche e Tecniche di Milano, Via del Politecnico 10 (Piazza Cavour).

The Symposium programme is :

- (I) Total and partial pressures in electron tubes ; instruments, techniques and interpretation of results.
- (II) Pumping methods ; their influence on residual gases.
- (III) Internal sources of gas ; its emission from individual components under different working conditions and the effect of pretreatments.
- (IV) Theory of gas surface interactions ; gettering materials and their characteristics.
- (V) Gas-surface interaction phenomena in electron tubes ;

influence of electron currents, hot filaments, ion and electron bombardment. Influence of the different surfaces.

(VI) Technology and application of getters.

(VII) Influence of residual gases on functioning and life of electron tubes.

The organizers state that rapid publication of the proceedings will be arranged. As it is not planned that lectures will run in parallel, the number of communications will be limited ; the Organizing Committee hope to allow time for discussion. The official languages of the Symposium will be English and Italian, but the published texts will be in English only. It is intended to provide simultaneous English/Italian translation.

The Secretaries of the Symposium, from whom further information may be obtained, are Professor E. Gatti of the Milan Polytechnic and Ing. P. della Porta of S.A.E.S. Getters S.p.A. The address of the Secretariat is Via Gallarate 215, Milan, Italy, but immediately before the Symposium it will be the Federazione delle Associazioni Scientifiche e Tecniche di Milano, Via del Politecnico 10, Milan, Italy.