

**INTERNATIONAL SYMPOSIUM  
ON  
APPLICATIONS OF LASER - DOPPLER ANEMOMETRY TO FLUID MECHANICS**

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**5 - 7 JULY, 1982  
LISBON, PORTUGAL**

**PURPOSE:** The Symposium aims to present new results, of significance to fluid mechanics and obtained by laser-Doppler anemometry. It is intended that these results will improve present understanding of complex flows, both laminar and turbulent, and their implications for the solution of problems of fluid mechanics will be emphasised. Contributions to the theory and practice of laser-Doppler anemometry will be presented where they facilitate new fluid-mechanic investigations.

**SESSIONS:** Approximately 12 formal sessions and panel discussions are planned. Contributed papers are welcome in the following areas :

- . jets, wakes and mixing regions
- . boundary layer flows
- . corner flows
- . separated flows
- . atmospheric boundary-layer flows
- . slurry flows
- . reacting flows
- . flows with imposed oscillations
- . two phase flows
- . instrumentation developments intended to improve accuracy and range of measurements

**ABSTRACTS:** Paper selection will be based upon a reviewed abstract of not less than 500 words which should be typed double spaced and state the purpose, results and conclusions of the work with supporting figures as appropriate. Five copies of the abstract should be submitted to :

Professor D. F. G. Durão  
Department of Mechanical Engineering  
Instituto Superior Técnico  
Avenida Rovisco Pais  
1096 Lisbon, Portugal

**DEADLINES:**

Final date for receipt of abstracts	—	15 January 1982
Authors informed concerning acceptance	—	1 March 1982
Final date for receipt of camera-read manuscripts	—	15 May 1982

**PROCEEDINGS:** All papers accepted for presentation will be incorporated in a Proceedings Volume which will be available at the time of the Symposium. It is intended that a bound volume will subsequently be published and will contain a selection of extended papers.

**ORGANISING COMMITTEE:**

Professor D. F. G. Durão (Chairman), Instituto Superior Técnico, Lisbon, Portugal  
Professor R. J. Adrian, University of Illinois, Urbana, U. S. A.  
Professor F. Durst, University of Karlsruhe, Karlsruhe, W. Germany  
Professor H. Mishina, University of Sapporo, Sapporo, Japan  
Professor J. H. Whitelaw, Imperial College, London, England