

CALL FOR PAPERS

FOURTEENTH OSTIV CONGRESS

20-25 January 1974
Waikerie, Australia

The Fourteenth Congress of the International Scientific and Technical Gliding Organization (Organisation Scientifique et Technique Internationale du Vol a Voile) "OSTIV" will be held at the site of the World Gliding Championships in Waikerie, Australia, from 20 January through 25 January 1974. Scientific and Technical sessions, some jointly, will be held at the Gliding Centre on the Waikerie airfield. Waikerie is situated about 100 miles from Adelaide and about 350 miles from Melbourne.

The program of the Scientific sessions will be concerned with all aspects of soaring meteorology. Topics will include:

1. Characteristics of thermals
2. Atmospheric boundary-layer flux measurements using instrumented sailplanes and motor gliders
3. Lee-wave studies
4. Cloud physics and atmospheric electricity research using instrumented sailplanes and motor gliders
5. The exploration of thermal waves
6. Interaction of convective and mesoscale phenomena
7. Measuring techniques and tactics
8. Forecasting for soaring pilots
9. Special vehicles for atmospheric research

The program of the Technical sessions will be concerned with all aspects of sailplane design, construction and operation. Topics will include the following of particular interest:

1. New concepts and practices in pilot training.
2. Solutions to soaring activities in controlled airspace.
3. Experience with glass fiber structures with particular reference to fatigue.
4. New structural concepts in sailplane designs.

5. Aerodynamic improvements
6. Self-launching sailplanes (motor gliders)
7. Flight test results related to performance, flutter, instruments, etc.
8. Airworthiness requirements criteria

Names, affiliations, titles of papers, and abstracts of 200 to 400 words in length should be airmailed not later than 30 September 1973 to:

Scientific Papers:

Dr. Joachim P. Kuettner, Chairman
 OSTIV Scientific Section
 ISMG
 c/o Meteorological Office
 John Scott House
 Market Street
 BRACKNELL, Berkshire, U.K.

with copy to:

Mr. Derek G. Reid
 OSTIV Organizer
 CSIRO
 Division of Atmospheric Physics
 P. O. Box 77, Mordialloc
 Victoria 3195, Australia

Technical Papers:

Mr. Floyd J. Sweet, Chairman
 OSTIV Technical Section
 1910 Massachusetts Avenue
 McLean, Virginia 22101

A limited number of participants of the Congress may obtain, through OSTIV, a 60 percent reduction in round-trip airfare from their home country to Australia by Quantas.

Those wishing to attend the Congress from its beginning should arrange to arrive in Melbourne on 18-19 January 1974. Group travel to Waikerie on 20 January will be arranged. It is important to advise the organizers as soon as possible of intention to participate so that accommodations can be arranged. Please make known to Mr. Derek G. Reid, address above.