

19th OSTIV Congress 1985 in Rieti, Italy

Call for Papers and Enquiries

The 19th OSTIV Congress will be held at Rieti, 60 km (40 miles) north-east of Rome, Italy, from
3. - 10. August 1985.

The Congress will coincide with the F.A.I. 19th World Gliding Championships in Rieti. Congress papers and topics will be presented and discussed in the following types of Sessions:

Scientific sessions:

Meteorology and Climatology. Flying training, health, physiology.

Technical sessions:

Aerodynamics, structures, materials and design, maintenance and training.

Joint sessions:

Interdisciplinary topics.

Educational sessions:

Scientific and technical topics, reviews or news, presented in an informative and entertaining way for the broader interests of the World Gliding Championships and OSTIV gathering.

Topics on instrumentation, electronics, safety, statistics and other systems technologies will be included in the type of Session for which the application of the technology is most relevant.

Typical and Suggested Topics are:

Scientific sessions

Meteorology

- Mesoscale and small convective, baroclinic or orographically induced phenomena.

- New observations; measurements or analysis of convergence lines, cellular patterns, shear structures, standing and moving waves, short period cycles.

- Analytical techniques of delineating thermal and mesoscale structures from routine or experimental ground or flight data, or from remote sensors.

- Modelling of thermal, mesoscale or miniscale structures.

Flight Training

Theory and analysis of techniques and results; psychology; objectives; training facilities and material.

Health

Human physiology and psychology.

Technical sessions

The technical sessions will cover all aspects of the design and development of sailplanes, motor gliders, ultralights and solar or man-powered crafts. Topics may include, but are not limited to:

- Structural concepts, new materials, fatigue
- Manufacturing processes
- Aerodynamics
- Stability and control
- Airframe vibration and flutter, sailwings
- Propulsion systems
- Design integration and optimization
- New developments, flight testing
- Air worthiness requirements
- Piloting techniques and training

Joint sessions

Dynamic soaring; man-powered flight; solar-powered flight; modern cross-country speed flying techniques. Common interests with other air sports. General philosophy of competition classes.

Educational sessions

Scientific and technical topics, reviews or news, presented in an informative and entertaining way for the broader interests.

If you would like further information about OSTIV or the Congress, or if you wish to attend the Congress or present a paper please complete the attached reply form and send it as soon as possible, but not later than **Jan. 31, 1985**

to:

Prof. C.E. Wallington, Chairman, OSTIV Scientific Section, 15 Fitzgerald Street, Yarralumla, A.C.T., Australia 2600. Telephone: Area Code (62) 813014 for scientific papers, Joint Session papers and Educational Session papers

to:

Dipl. Ing. W.M. Feifel, Chairman, OSTIV Technical Section, 7107 South Regan Street, Seattle, Washington, 98178, U.S.A. Telephone: Area Code (206) 772-7021 for technical papers

and in any case I copy to:

OSTIV Secretariate, c/o DFVLR, D-8031 Oberpfaffenhofen, FRG, Telephone: Area Code (8153)28507

19th OSTIV Congress

By AIRMAIL, by 31.1. 1985 to

C E Wallington
Chairman-OSTIV-Scientific Section
15 Fitzgerald Street
Yarralumla, A.C.T. 2600
AUSTRALIA

or

Winfried M. Feifel
Chairman-OSTIV-Technical Section
7107 South Regan Street
Seattle, Washington 98178
U.S.A.

and in any case 1 copy to: OSTIV Secretariate, c/o DFVLR, D-8031 Oberpfaffenhofen, FRG

- Please send me general information about OSTIV.
 Please put my name on the mailing list for further information about the 19th OSTIV Congress.
 I wish to attend the 19th OSTIV Congress.
 I wish to present a paper at a Scientific Technical Joint Educational session at the 19th OSTIV Congress

My name is _____

My affiliation is _____

My address is _____

The provisional title of my paper is: _____

The provisional nature and content of my paper is described overleaf!