



**XXV. OSTIV-Congress 1997 at St. Auban, France,
26 June - 4 July 1997**

Call for Papers

The XXV. Congress of the "International Scientific and Technical Organization for Soaring Flight" - Organisation Scientifique et Technique Internationale du Vol à Voile (OSTIV) - will be held at the site of the World Gliding Championships at St. Auban, France, from

26 June - 4 July 1997

The conference addresses all scientific and technical objectives of soaring flight and also aspects of soaring in motorgliding, hanggliding and paragliding, ultralight aircraft.

Opportunity of presentation and discussion of papers is given under the following headings:

Meteorological Sessions:

Meteorology, Climatology, Atmospheric Physics.

Technical Sessions:

Aerodynamics, Structures, Materials, Design, Maintenance.

Training and Safety Sessions:

Training and Safety, Coaching, Health, Physiology, etc. .

Joint Sessions:

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

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:

Meteorological 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, turbulence, boundary layer in complex terrain;
- Analytical techniques of delineating thermal and mesoscale structures from routine or experimental ground or flight data, or from remote sensors;
- Modelling of thermals, mesoscale or miniscale structures;
- Meteorological data acquisition and service for gliding operations;
- Meteorological data network and "Do-it-yourself"-forecasting for soaring.

Technical Sessions:

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

- Structural concepts, new materials, fatigue, crashworthiness;
- Manufacturing processes;
- Aerodynamics;
- Stability and control;
- Airframe vibration and flutter, sailwings;
- Propulsion systems;
- Design integration and optimization;
- New developments in flight testing;
- Airworthiness requirements;
- Cockpit instruments, including navigational instruments (GPS etc.).

Training and Safety Sessions:

Training and Safety sessions will be held on subjects covering disciplines such as:

- Flight training, theory and analysis of techniques and results, psychology, objectives, training facilities and material;
- Safety, health, human physiology and psychology in connection with soaring;
- Human and medical factors in aircraft design and operation;
- Piloting techniques;
- Flight operations in controlled airspace;
- Safety devices.

Joint Sessions

Joint sessions are collecting topics of general interest in the field of gliding as:

- General philosophy of competition classes;
- Documentation of badge and record flights;
- Competitions;
- Common interests with other air sports;
- Meteorological navigation, dynamic soaring;
- Meteorological links across diverse air sports like hanggliding and paragliding, microlights etc.;
- Man-powered flight;
- Solar-powered flight.

Deadline for Short Summaries, Extended Abstracts and Final Papers :

The deadline for the Short Summaries (about 5-10 lines on a separate sheet or on the reverse of the enclosed reply form!) is the 30 October 1996. Letters of acceptance together with instructions for paper preparation will be mailed by 30 November 1996.

The deadline for the Extended Abstracts is the 31 March 1997. It should be a comprehensive abstract of at least 500 words (each figure is considered equivalent to 100 words) to be sent to the sessions chairpersons and - in any case - one copy to the OSTIV-Secretariate for the preparation of a booklet of extended abstracts, the Congress Peprint.

The Final Paper must be received by the chairperson not later than 30 April 1997. The papers should not exceed the equivalent length of 24 double-spaced typewritten standard size pages, where each normal sized figure counts as one page.

Oral presentations at the conference will be limited to 35 minutes and should consist of highlights of the written manuscript. The full papers will appear, as usual, in TECHNICAL SOARING starting in its OSTIV SECTION immediately after the congress, being reviewed by the section chairman and the OSTIV-Editor. Please, use the attached form in page 5 to provide as soon as possible to give "advance notice" of your intentions to submit a paper to the Congress.

Note of Interest, Short Summaries, Extended Abstracts and Final Papers should be sent to:

For Meteorological and
Joint Session Papers to :

For Technical Session
Papers to :

For Training and Safety
Session Papers to :

Dr. Hermann Trimmel
Chairman OSTIV-
Scientific Section
Bründelgasse 34
A-2512 Tribuswinkel
Austria
Tel.:(+43)2252-86494
Fax:(+43)2252-86494

Winfried M. Feifel
Chairman OSTIV-
Technical Section
7107 South Ryan Street
Seattle, WAS 98178
USA
Tel.:(+1)206-965 0226
Fax:(+1)206-234 4543

William G. Scull
Chairman
Training and Safety Panel
6 Will Hall Close
Alton, Hants.GU34 1QP
Great Britain
Tel.:(+44)1420-83553
Fax:(+44)1420-83553

and - in any case - one copy to: OSTIV-Secretariate c/o DLR Oberpfaffenhofen, D-82234 Wessling, Germany (Fax :(+49)8153-4114).

Lectures facilities at the Congress will include:

- A 50 mm x 50 mm (24 mm * 36 mm picture area) slide projector
- An overhead projector (viewgraph)
- Other facilities like video etc. can be offered by special request.

There is no registration fee for the Congress!

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 30 October 1996 to the relevant addresses.

Call for nominations OSTIV Plaque/The Klemperer Award:

At OSTIV Congresses an OSTIV Plaque (which carries a monetary award) is presented to the person who has made a noteworthy scientific or technical contribution to soaring flight.

The prize for the year 1997 will be presented during the Opening Ceremony of the XXVth OSTIV Congress.

Nominations can be sent in by all OSTIV Members, Active as well as Individual. In making such nominations, particular attention should be given to recent contributions to soaring flight by the nominee, although earlier outstanding work will also be taken into account. Nominations should include details of the nominee's contributions, and also a short biography. The nominee's full name and address must also be given. All nominations for the OSTIV Plaque/The Klemperer Award must be received by Dr. Manfred Reinhardt, the President of OSTIV, c/o DLR Oberpfaffenhofen, D-82234 Wessling, Germany, by 31 December 1996.

TABLE of all OSTIV-Congresses since the Foundation of OSTIV at Paris on 27. July 1948:

I.	OSTIV-Congress, Samedan/Switzerland,	27. Juli 1948
II.	OSTIV-Congress, Paris/France,	03. - 07. May 1949
III.	OSTIV-Congress, Örebro/Sweden,	03. - 08. July 1950
IV.	OSTIV-Congress, Madrid/Spain,	03. - 13. July 1952
V.	OSTIV-Congress, Buxton/England,	22. July - 4. August 1954
VI.	OSTIV-Congress, St. Yan/France,	06. - 13 July 1956
VII.	OSTIV-Congress, Osieczna/Poland,	19. - 29. June 1958
VIII.	OSTIV-Congress, Cologne/Germany,	04. - 18. June 1960
IX.	OSTIV-Congress, Junin/Argentina,	11. - 21. February 1963
X.	OSTIV-Congress, South Cerney/England,	04. - 12. June 1965
XI.	OSTIV-Congress, Leszno/Poland,	12. - 23. June 1968
XII.	OSTIV-Congress, Alpine, Texas/USA,	27. June - 4. July 1970
XIII.	OSTIV-Congress, Vrsac/Yugoslavia,	13. - 22 July 1972
XIV.	OSTIV-Congress, Waikerie/Australia,	21. - 27. January 1974
XV.	OSTIV-Congress, Räyskälä/Finland,	18. - 27 June 1976
XVI.	OSTIV-Congress, Chateauroux/France,	18. - 30 July 1978
XVII.	OSTIV-Congress, Paderborn/Germany,	27. May - 06. June 1981
XVIII.	OSTIV-Congress, Hobbs, New Mexico/USA,	29. June - 09. July 1983
XIX.	OSTIV-Congress, Rieti/Italy,	02. - 10. August 1985
XX.	OSTIV-Congress, Benalla/Australia,	21. - 30. January 1987
XXI.	OSTIV-Congress, Wiener Neustadt/Austria,	18. - 26. May 1989
XXII.	OSTIV-Congress, Uvalde, Texas/USA,	01. - 09. August 1991
XXIII.	OSTIV-Congress, Borlänge, Sweden,	17. - 24. June 1993
XXIV.	OSTIV-Congress, Omarama, New Zealand,	12. - 19. January 1995

List of OSTIV Publications, published since 1948 :

OSTIV- Publication I,	Orebro/Sweden, 1950
OSTIV- Publication II,	Madrid/Spain, 1952
OSTIV- Publication III,	Buxton/England, 1954
OSTIV- Publication IV,	St. Yan/France, 1956
OSTIV- Publication V,	Osieczna/Poland, 1958
OSTIV- Publication VI,	Cologne/Germany, 1960
OSTIV- Publication VII,	Junin/Argentina, 1963
OSTIV- Publication VIII,	South Cerney/England, 1965
OSTIV- Publication IX,	South Cerney/England, 1965
OSTIV- Publication X,	Leszno/Poland, 1968
OSTIV- Publication XI,	Alpine, Texas/USA, 1970
OSTIV- Publication XII,	Vrsac/Yugoslavia, 1972
OSTIV- Publication XIII,	Waikerie/Australia, 1974
OSTIV- Publication XIV,	Räyskälä/Finland, 1976
OSTIV- Publication XV,	Chateauroux/France, 1978
OSTIV- Publication XVI,	Paderborn/Germany, 1981
OSTIV- Publication XVII,	Hobbs, New Mexico/USA, 1983
OSTIV- Publication XVIII,	Rieti/Italy, 1985

All further Congress papers, starting with the XX OSTIV Congress 1987 at Benalla, Australia, are published in OSTIV is official magazine TECHNICAL SOARING, beginning with Volume 10, N0.1, January 1986!

Your copy :

Note of interest / Short Summary (XXV OSTIV Congress , 26 June - 4 July 1997) :

For Meteorological and
Joint Session Papers to:

Dr. Hermann Trimmel
Chairman OSTIV-
Scientific Section
Bründelgasse 34
A-2512 Tribuswinkel
Austria

For Technical Session
Papers to :

Winfried M. Feifel
Chairman OSTIV-
Technical Section
7107 South Ryan Street
Seattle, WA 98178
USA

For Training and Safety
Session Papers to :

William G. Scull
Chairman
Training and Safety Panel
6 Will Hall Close
Alton, Hants. GU34 1QP
Great Britain

and - in any case - one copy to: OSTIV-Secretariate c/o DLR, D-82234 Wessling, Germany,
Fax: (+49)8153-4114).

- () Please, send general information about OSTIV.
 () Please, put my name on the mailing list for further information about the XXVth OSTIV Congress.
 () I wish to attend the XXVth OSTIV Congress.
 () I wish to present a paper at a (Scientific, (Technical, (Joint, (Educational Session at the XXV OSTIV Congress.

My name is: _____

My affiliation is : _____

My address is : _____

_____ Phone : _____ Fax: _____

The provisional title of my paper is: _____

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

Your notes (short content of overleaf) :

Note of interest / Short Summary (XXV OSTIV Congress , 26 June - 4 July 1997) :

For Meteorological and Joint Session Papers to:	For Technical Session Papers to :	For Training and Safety Session Papers to :
Dr. Hermann Trimmel Chairman OSTIV- Scientific Section Bründelgasse 34 A-2512 Tribuswinkel Austria	Winfried M. Feifel Chairman OSTIV- Technical Section 7107 South Ryan Street Seattle, WAS 98178 USA	William G. Scull Chairman Training and Safety Panel 6 Will Hall Close Alton, Hants. GU34 1QP Great Britain

and - in any case - one copy to: OSTIV-Secretariate c/o DLR, D-82234 Wessling, Germany, (Fax : (+49)8153-4114).

- Please, send general information about OSTIV.
- Please, put my name on the mailing list for the XXVth OSTIV Congress.
- I wish to attend the XXVth OSTIV Congress.
- I wish to present a paper at a Scientific, Technical, Joint, Educational Session

My name is:

My affiliation is :

My address is :

..... Phone : Fax:

The provisional title of my paper is:

.....

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

To the Chairman

Note of interest / Short Summary (XXV OSTIV Congress , 26 June - 4 July 1997) :

For Meteorological and Joint Session Papers to:	For Technical Session Papers to :	For Training and Safety Session Papers to :
Dr. Hermann Trimmel Chairman OSTIV- Scientific Section Bründelgasse 34 A-2512 Tribuswinkel Austria	Winfried M. Feifel Chairman OSTIV- Technical Section 7107 South Ryan Street Seattle, WAS 98178 USA	William G. Scull Chairman Training and Safety Panel 6 Will Hall Close Alton, Hants. GU34 1QP Great Britain

and - in any case - one copy to: OSTIV-Secretariate c/o DLR, D-82234 Wessling, Germany, (Fax : (+49)8153-4114).

- Please, send general information about OSTIV.
- Please, put my name on the mailing list for the XXVth OSTIV Congress.
- I wish to attend the XXVth OSTIV Congress.
- I wish to present a paper at a Scientific, Technical, Joint, Educational Session

My name is:

My affiliation is :

My address is :

..... Phone : Fax:

The provisional title of my paper is:

.....

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

To OSTIV-Secretariate