



International Council of
the Aeronautical Sciences

ICAS
The International Council
of the
Aeronautical Sciences

A short Briefing (updated July, 2014)

The mission of ICAS

The International Council of the Aeronautical Sciences intends to provide regularly scheduled events and publications that enable a *better understanding of engineering science and practice and an improved level of cooperation* among aeronautical engineering professionals from around the world

ICAS Background

ICAS was founded by Theodore von Karman in the mid-fifties as a non-government not-for-profit scientific organization to encourage the free international exchange of information on aeronautical research and technology.

ICAS currently serves as the *only* international support organization to representative aeronautical engineering professional societies, affiliated societies, and associated organizations and their members in 30 countries.



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ICAS Objectives

- Facilitate the exchange of ideas, information, and understanding about the body of aeronautics knowledge among the *international* community so that important research can proceed rapidly
- Expose the *international* research community to challenges and issues through lectures by leading experts in aeronautics and its technologies
- Engage young people in the *global* aeronautical community through special events and prizes
- Create a vibrant *international* network that produces increased understanding, appreciation, and tolerance among participants



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ICAS Process

- Implement our objectives through the involvement of appointed representatives of our Member Societies and the valued advice and counsel of our Associates
- Provide a biennial Congress to present useful, high quality work from world-wide research and technology organizations to all interested engineers and scientists
- Provide articulate experts to challenge our global community on issues of specific interest to aeronautics
- Provide supporting sessions and papers to meetings of Member Societies upon request
- Provide global recognition for key leaders and researchers in aeronautics through several prestigious awards
- Provide a global platform for young engineers and students to begin to develop an international network of colleagues

ICAS functions under three primary bodies

- Council (meets biennially)
- Executive Committee (meets at least twice each year)
- Program Committee (meets annually)

The Executive Committee provides the administrative continuity and direction supported by:

- Full-time Secretariat
- Finance Subcommittee
- Strategic Planning Subcommittee
- Honors and Awards Subcommittee
- Membership & External Relations Subcommittee

Council

Representatives of Member Societies

Executive Committee (= Board)

- Officers (President, Past President, Executive Secretary, Treasurer, Chairman Programme Committee)
- Additional members

Programme Committee

- planning of the scientific and technical content of ICAS programmes
- about 50 members
- Supported by the Programme Planning Sub-Committee



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ICAS Congress History

- 1958 Spain – Madrid
- 1960 Switzerland – Zurich
- 1962 Sweden – Stockholm
- 1964 France - Paris
- 1966 United Kingdom – London
- 1968 Germany – Munich
- 1970 Italy – Rome
- 1972 Netherlands - Amsterdam
- 1974 Israel Haifa
- 1976 Canada - Ottawa
- 1978 Portugal - Lisbon
- 1980 Germany - Munich
- 1982 United States – Seattle
- 1984 France - Toulouse
- 1986 United Kingdom – London
- 1988 Israel – Jerusalem
- 1990 Sweden – Stockholm
- 1992 China - Beijing
- 1994 United States - Anaheim
- 1996 Italy - Sorrento
- 1998 Australia - Melbourne
- 2000 United Kingdom - Harrogate
- 2002 Canada – Toronto
- 2004 Japan – Yokohama
- 2006 Germany – Hamburg
- 2008 United States - Anchorage
- 2010 France - Nice
- 2012 Australia – Brisbane
- 2014 Russia – St. Petersburg
- 2016 Daejeon – South Korea

Value of ICAS

- ICAS is the only *truly global* organization supporting the *aeronautical engineering* professional societies in 30 countries
- ICAS provides a *global* support network to each of its Member and Affiliated societies. Through these societies it provides access to leading members of the world-wide aeronautical engineering community
- Through its *global* meetings and programs ICAS provides an opportunity for students and young engineers to develop an international network of colleagues and peers
- ICAS provides significant coverage of the financial risk for the local society involved in the sponsorship of a biennial Congress