

The International Academy for Systems and Cybernetic Sciences



NEW criteria for IASCYS applicants

The IASCYS General Assembly prefers trusting the societies and allowing them along with IFSR, UES-EUS and WOSC, to propose people, with written justification. For some of the “scientific/publishing-criteria” **there is no upper limit on the points**. The procedure is always the same, please see <http://www.iascys.org>

A society of the IFSR, UES-EUS or WOSC will propose a candidate and must send the secretary general of the IASCYS all the checked following documents by mail:

- 1 - **a full detailed C.V.** of the candidate
- 2 - **a short 1 page biography of the candidate for the Academy website** (links to a wiki page or a personal website and other URLs are welcome).

For example please look at <http://www.iascys.org> at the “*homepages of the Academicians*” link.

- 3 - **a table of evaluation of the points** (the criteria are always the same as they were for all the past elected members), but it is not necessary to fill in all the sections.

The IASCYS EC makes available in the Academy website all the information to the nominating society, the IFSR, the UES-EUS, the WOSC, the IASCYS and the applicant.

CRITERIA

1. **Author of a renowned theory** **SCORE POSSIBLE = no limit**
Author of a renowned theory in systems thinking and cybernetics or sciences with clear historic roots in them, such as the ones in the International Encyclopedia of Systems and Cybernetics (Charles Francois, editor, Munich, Saur, 2004), or other international encyclopedia related to cybernetics and systems theory, such as UNESCO- EOLSS (Encyclopedia of Life Support Systems).
An author’s first renowned theory may get 10 points.
Each theory is awarded 10 points, without limit.
2. **Scientific publications** **SCORE POSSIBLE = no limit**
 - 2a. **Author or coauthor of 20 scientific journal articles in the International Science Citation Index cited journals on systems thinking and cybernetics** (<http://www.scijournal.org>), as Systems Research and Behavioral Science, Cybernetics and Systems, Kybernetes, Systems Practice and Action Research, etc. Journals should cover topics as in the Encyclopedia in criterion 1.
Every article may get 0.5 point without limit.
 - 2b. **Author or coauthor of other scientific contributions**
Author or coauthor of a scientific article in 2.a) journals, but no more than 10, can be replaced with 2 articles published in other journals, or 2 chapters in books in topics of 2.a), or with 3 scientific conference papers if accepted after a usual blind review process of international conferences (co-)sponsored by IFSR, UES-EUS or WOSC member associations with international scientific boards and published in conference proceedings.
Each article may get 0.25 point without limit.
Each scientific conference paper may get 0.16 point without limit.
3. **Author enjoying citations** **SCORE POSSIBLE = 15**
Author enjoying 20 citations in journals such as the ones mentioned in criterion 2.), according to official international statistics of citations.
Each citation in 2.a) journals may get 0.2 point.
Each citation in Group 2b) publications may get 0.1 point.
The total score for these items may be no more than 15.

4. **Having doctorates** **SCORE POSSIBLE = 5**
Having a second or more doctorates is considered equivalent to 5 points.
Honorary doctorates do not count, unless awarded for extra-ordinary achievement in Systems Science & Cybernetics and/or their application.
5. **Organizer, chair or co-chair of international conferences** **SCORE POSSIBLE = 15**
Organizer, chair or co-chair of international conferences with a usual blind review process and international scientific boards and contributions, that are (co-)sponsored by one or more IFSR, UES-EUS or WOSC member associations.
For each conference the chair may get 1.0 points, the co- chair may get 0.8 point.
The total score in this criterion may be no more than 15.
6. **Editor or co-editor of an international journal** **SCORE POSSIBLE = 15**
Editor or co-editor of an international journal, such as the ones mentioned in criterion 2.) and cited by the International Science Citation Index and possibly (co-)published by one or more IFSR, UES-EUS or WOSC member associations, serving for at least five years.
Each year gives 2.0 point. Other international journals related to cybernetics and systems research give 1.5 point for each year.
The total score in this criterion may be no more than 15.
7. **Teaching system theory and cybernetics and/or their application/s** **SCORE POSSIBLE = 15**
Teaching system theory and cybernetics and/or their application/s, or sciences with clear historic roots in them, for 5 semesters / terms. Consulting on such a basis to organizations, on 5 occasions is considered equivalent.
One semester or consulting appointment abroad may get 1.0 point, in the same country 0.5 point.
The total score in this criterion may be no more than 15.
8. **Practical application of system theory and cybernetics** **SCORE POSSIBLE = 16**
Practical application of system theory and cybernetics, or sciences with clear historic roots in them, in several countries with clear benefits to users, such as innovation.
By official agreement (Frascati Manual 1971) innovation is every novelty causing a proven new benefit to its users and therefore also to its owners/authors (which cannot be attained on the basis of a one- sided rather than requisitely holistic thinking, research, development, decision-making, marketing, production etc., and practical application.) Five instances of an application must be proven, at least.
Each application may get 2.0 points. The total score in this criterion may be no more than 16.
9. **Membership in a national or international academy of sciences** **SCORE POSSIBLE = 14**
Membership in a national or international academy of sciences (and Arts/ Humanities) for five years. **One membership per year may get 2.0 points.**
The total score in this criterion may be no more than 14.
10. **Author or leading co-author of an international best-selling book** **SCORE POSSIBLE = no limit**
Author or leading co-author of an internationally translated/published or best-selling book on systems theory and cybernetics or sciences with clear historic roots in them, such as the ones mentioned in criterion 1.). **For 1 internationally published book one may get 10.0 points, for 1 national publication 5.0 points, without limit.**
11. **Active member of an IFSR, UES-EUS or WOSC member association** **SCORE POSSIBLE = 16**
Active member of an IFSR, UES-EUS or WOSC member association or IFSR, UES-EUS or WOSC board or executive committee for several years, which means active service and/or active participation in its activities, such as conferences, journal editorial board, managing board, etc.
For each of these activities one may get 2.0 points per year,
The total score in this criterion may be no more than 16.

12. **Honorary membership of IASCYS**

If there are candidates for membership in IASCYS, who do not fulfill the above criteria, but have very special merits for development of the scientific and applied aspects of the systems and cybernetics sciences, the IASCYS Executive Committee may nominate them **honorary members** of IASCYS.

Criteria in point 13 may apply.

13. **Criteria for honorary membership** of IASCYS may be added or replace criteria in points 1–10 above.

They include:

- a. Establishment and /or more than 20 years of office in an IFSR, UES-EUS or WOSC member association
- b. Authorship of unique contributions such as The International Encyclopedia of Systems and Cybernetics, establishment and / or running a Systems Science & Cybernetics related journal for 10 years at least, etc.

14. Procedure is the same for all other member nominations, summarized in 15.).

15. **Data proving the candidates' achievements must be official**, e.g. in university evidence, and **certified by the IFSR, UES-EUS or WOSC member association** that suggests its member to become an IASCYS member.

Data must be attached to the **official application submitted to the IASCYS Executive Committee**.

Details of procedure are attached to this document on criteria for membership.