

# Initiatives of IOSTE

## Symposia and publications

- 1979 McFadden, Charles P. (ed.): World Trends in Science Education. Halifax (Canada): Atlantic Institute of Education, 1980. (ISBN 0-920518-11-7)
- 1982 Harrison, G.B. (ed.): World Trends in Science and Technology Education. Nottingham (UK): Trend Polytechnic, 1985. (ISBN 0-904436-32-2)
- 1984 Hall, William C. (ed.): Symposium papers. Vol. 1 & 2. Brisbane (Australia): Brisbane College of Advanced Technology, 1984. Lowe, Ian (ed.): Teaching the Interactions of Science, Technology and Society. Melbourne (Australia): Longman, 1987. (ISBN 306-45-0712)
- 1987 Riquarts, Kurt (ed.): Science and Technology Education and the Quality of Life. Symposium papers. Vol. 1 & 2: Kiel (Germany) Institute for Science Education, 1987 (ISBN 3-89088-018-5 + 3-89088-019-3); Vol. 3: Proceedings. Kiel (Germany) Institute for Science Education, 1988 (ISBN 3-89088-026-6)
- 1989 Hernandez, D.F./Pabellon, J.L.: Selected Papers on World Trends in Science and Technology Education. Manila (Philippines): Science Education Institute, 1989
- 1991 Responsible Change for the 21st Century. Papers submitted to the 6th IOSTE Symposium. Enschede (The Netherlands): National Institute for Curriculum Development, 1994.
- 1994 Boersma, Kerst et al. (eds.): Science and Technology Education in a Demanding Society. Papers (3 vol.); Enschede (The Netherlands) National Institute for Curriculum Development, 1994. Trommel, Jacques van (ed.) Vol. 4: Proceedings. Enschede (The Netherlands) National Institute for Curriculum Development, 1995.
- 1996 Panwar, Raja (ed.): Science and Technology Education for Responsible Citizenship and Economic Development. (4 vol.) Edmonton (Canada): Edmonton Education 1997.
- 1999 Keogh, M. & Naidoo, S. (eds.): Proceedings of the 9th IOSTE Symposium on Science and Technology Education for Sustainable Development in a Changing and Diverse World (2 vol.). Durban (South Africa): University of Durban-Westville, 1999.
- 2002 Bizzo, N. et al. (eds.): Rethinking Science and Technology Education to meet the demands for future generations in a changing world. Sao Paulo (Brazil), 2002, 911 pp in 2 Vol. (ISBN 1-55195-029-4)
- 2004 Janiuk R Maciek and Samonek-Miciuk Elwira (eds): Science and technology for a Diverse World – dilemmas, needs and partnerships. 11th Symposium Proceedings, Lublin, (Poland)
- 2006 Yoong, S., Ismail, M., Zain, A., Salleh, F., Fook, F. Sam, L. & Yan, M. (eds) Science and Technology Education in the Service of Humankind. 12th Symposium Proceedings, Penang, (Malaysia), Universiti Sains Malaysia.

## The 13<sup>th</sup> IOSTE symposium

### To be hosted in July – August 2008

(date to be confirmed)

**in Izmir, Turkey, hosted by Dokuz Eylul University.**

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## IOSTE Committee Members

Chairperson: Terry Lyons <terry.lyons@une.edu.au>

Deputy Chair: Laercio Ferracioli <laercio@npd.ufes.br>

Treasurer/Secretary: Angela James <jamesa1@ukzn.ac.za>

Past Chairperson: Nelio Bizzo <bizzo@usp.br>

Forthcoming symposium organizer: Teoman Kesercioglu

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Past organizer Suan Yoong <yoongsuan@yahoo.com>

## Regional Representatives

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**Eastern and Central Europe:** Vincintas Lamanuskas  
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**North America:** Lee Yuen Lew <leeyuenlew@hotmail.com>

**Central America:** Xavier Fazio <xavier.fazio@brocku.ca>

## Working groups

### ROSE (The Relevance Of Science Education)

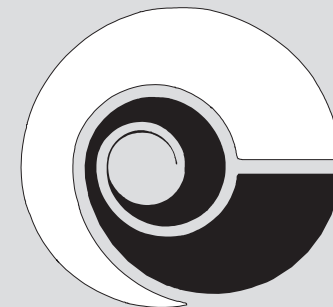
A cross-cultural comparative research project on the affective aspects of S&T education.

Contact Svein Sjøberg <svein.sjoberg@ils.uio.no>

ROSE web page <http://www.ils.uio.no/forskning/rose/>

# International Organization for Science and Technology Education

# IOSTE



## Information Brochure

February 2007

CORRESPONDENCE SHOULD BE ADDRESSED TO:

### Chairperson

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# IOSTE in brief

IOSTE is the only S&T education organisation that is truly international and not dominated by or located in any particular part of the world. The 12 IOSTE international Symposia from 1979 to 2006 have been organised in almost every part of the world, with participants from more than 100 different countries.

IOSTE has a board with representation from all regions of the world, and convenes international as well as regional symposia. These symposia provides for scholarly exchange, discussion and other initiatives. The symposia gather researchers, policy makers, teachers and others who are concerned about how science and technology can contribute to the goals outlined in our mission statement. Membership in the International Organization for Science and Technology Education is open to all who subscribe to its Constitution.

Members of IOSTE are those who attend the regional and international IOSTE meetings/symposium and those who want to join should endorse the mission statement. The fee for membership is US\$20.00 and is included in the symposium fee.

## IOSTE Mission Statement (p 1. in Constitution)

IOSTE identifies science and technology education with the real and changing needs of humankind as a whole and with specific needs of its component communities and nations. IOSTE wants to continue and strengthen its tradition and considers that S&T education should:

1. highlight S&T education for citizenship and for informed, critical, and active participation in democracy
2. stress the relationship between science, technology and society
3. emphasize the cultural and human values of S&T
4. promote equity in S&T and S&T education
5. advance S&T education for a just and sustainable development and consider how S&T education can contribute to the fight against poverty, discrimination and injustice
6. encourage the peaceful and ethical use of S&T in the service of humankind
7. encourage cultural diversity and international understanding through S&T education
8. stimulate international collaboration in the domains of research and development and promote cooperation with other international organizations.

Visit <http://www.ioste.org>

# Constitution of IOSTE

## Introduction

The International Organization for Science and Technology Education is an international organization which aims to encourage informed debate, reflection and research on science and technology (S&T) education.

IOSTE was established in 1979 to promote contact and dialogue across political and ideological borders. A key concern was that education in S&T should be a vital part of the general education of the peoples of all countries.

## 1 IOSTE Mission Statement (as in sidebar) - Accepted and endorsed in principle at IOSTEXI

## 2 Activities

IOSTE convenes international and (in cooperation with other partners) regional symposia for debate and dialogue on issues related to the aims of the Organization. These symposia provide for scholarly exchange, discussion and other initiatives. The symposia aim at gathering researchers, policy makers, teachers and others who are concerned about how S&T education can contribute to IOSTE's Mission.

## 3 Membership

Membership is granted to anyone who subscribes to this Constitution. Payment of a membership fee is required.

## 4 Fees

- The membership fee is set by the Committee of the Organization.
- This fee is included in the cost of registration in international symposia convened by the Committee.

## 5 Functions of all members

- To promote the aims of IOSTE within their regions.
- To inform the secretary of major regional activity which would be of interest to IOSTE members worldwide.
- This information to be included in the newsletter or in special interest group newsletters.
- To elect the regional representatives.

The Committee shall convene during each Symposium a Plenary Session of the Organization. The Plenary Session is a meeting open to all members of the Organization, which:

- elects the regional representatives to the Committee,
- endorses recommendations for and amendments to the constitution of the Organization which may be proposed by the Committee,
- receives the financial statement of the Organization,
- makes recommendations to the Committee on broad policy directions for the Organization.

## 6 Committee

There shall be a Committee of the Organization whose functions shall be to:

- serve as the decision making body of the Organization,
- set the main directions of the Organization,
- recommend as necessary, amendments to the Constitution to the Plenary Session of the Organization,
- elect the Chairperson, Deputy Chairperson and Secretary/Treasurer of the IOSTE.
- determine the host organization and planning committee for each symposium.

The Committee comprises:

- a person representing members of the Organization from each region of the world in which the Organization has members,
- an executive consisting of the Chairperson, the Deputy Chairperson and the Secretary/Treasurer of the Organization and the Chairpersons of the immediately preceding and forthcoming Symposia,
- others co-opted by majority vote of the Committee.

The Chairperson, Deputy-Chairperson and Secretary/Treasurer are elected by the outgoing Committee to serve until the conclusion of the next Symposium.

The Chairperson of IOSTE cannot hold office for more than two consecutive terms. Upon conclusion of his tenure the outgoing Chairperson becomes a member of the Committee for one term.

The Chairperson and the Secretary/Treasurer should not hold regional Committee representation.

The regional representatives are nominated by those present from their regions at the Symposium and elected to serve until the conclusion of the next Symposium by the Symposium participants meeting in Plenary Session.

Vacancies on the Committee are filled at the outset of a Symposium by co-option by majority vote of the Committee members present.

When circumstances necessitate a decision be made by the Committee between Symposia, the Chairperson consults with the Committee by mail, including a ballot outlining options. In this case decision is by majority vote of the Committee for an option.

## 7 Executive

The members of the Executive act between Committee meetings to carry out the decisions of the Committee.

## 8 Functions of the Executive

Chairperson

- To chair all IOSTE executive and general meetings.
- Jointly (with the Secretary-Treasurer) to approve all IOSTE expenditure.
- To act as IOSTE spokesperson in all official relationships with other international bodies.
- Communicating between symposia with the members of the Committee and undertaking other tasks as assigned by the Committee.

Deputy Chairperson

The Deputy Chairperson assists the Chairperson.

Secretary-Treasurer

- To maintain records of business conducted at all IOSTE executive and general meetings.
- Jointly (with the chairman) to approve all IOSTE expenditure.
- To be responsible for the payment of all accounts, and to maintain a record of such expenditure
- To prepare a statement of expenditure for the previous periods between symposia and to prepare a budget proposal for anticipated expenditures for the next period between symposia.