

**XV IOSTE INTERNATIONAL SYMPOSIUM ON SCIENCE & TECHNOLOGY
EDUCATION FOR DEVELOPMENT, CITIZENSHIP AND SOCIAL JUSTICE**



Yasmine Hammamet – Tunisia – 29 October – 3 November, 2012

We are pleased to invite you to participate in the XV IOSTE International Symposium on **Science & Technology Education for Development, Citizenship and Social Justice** to be held at Yasmine Hammamet (29 October – 3 November, 2012).

The conference is organized by EDIPS / ISEFC in cooperation with **UVT, DISEMEF, FSB, CENAFFE, ATDSVT, ATDM**, and other institutions and associations (*see below the meaning of these acronyms*).

IOSTE XV is an International Symposium for researchers to present research papers, workshops, posters and explore collaboration with other researchers in the fields of Education and Research. Our aim is to inspire and provoke meaningful discussions and debates.

IOSTE XV will include a diverse and comprehensive program covering a number of areas of science and technology education (teaching, learning, practice, development, innovations, evaluation,..). The program will also include a wide range of activities designed to facilitate the exchange of expertise, experience, and resources amongst researchers, educators and trainers.

The organizers invite research-based abstracts and papers addressing the following nine strands in the contexts of pre-school, primary school, high school or tertiary education, as well as in out-of-school education:

- **S1: Education for Sustainable Development, Human Rights and Health.**
- **S2: Cultural, social and gender issues in STE**
- **S3: STE and religion.**
- **S4: ICT for equity and democracy in STE.**
- **S5: Epistemology, History and Philosophy in STE.**
- **S6: Socio-scientific issues in STE.**
- **S7: Teacher training and teaching practices**
- **S8: Curricula, textbooks and media in STE.**
- **S9: Evaluation in STE.**

The IOSTE XV will be held in **Yasmine Hammamet**, a city in the North-East part of Tunisia. The event will bring together scientists, technologists, teachers, trainers, education inspectors, policy makers and graduate students from across the globe to promote discussion of issues relating to the theme and sub-themes.

IMPORTANT DATES

Abstract submission Until March 1, 2012	Notification of acceptance By 31 May, 2012	Full paper submission July 1, 2012
Early Registration Fees Before July 31, 2012	Late Registration Fees After July 31, 2012	Symposium dates October 29 - November 3, 2012

SUBMISSION:

You can propose:

- **A single oral communication** (a slot of 30 minutes, including 10 minutes of discussion)
 - **Coordinated interventions** during a slot of 90 minutes: mini-symposium or round-table, with authors coming from at least two countries
 - **A poster**, which will be visible during all the symposium; it will be orally presented and discussed during the posters' sessions
- Each participant can be first author for only one proposal (one oral communication, or round table / mini-symposium, or poster). He / she can be co-author of several other proposals.
 - Each first author must present the communication (or the poster).
 - **For each proposal, you have to choose one of the nine strands, and to submit an abstract and a 3 pages synopsis only, or an abstract plus the full paper.**
 - Each proposal will be pair-reviewed. The proposal's originality, its relationship to the conference theme and the clarity of its objectives, organization and approach are factors considered in selection.

The form for abstract can be uploaded from <http://www.inedp.org/ioste-XV> and will be sent by email (iosteXV@gmail.com) or through the online submission system by March 1, 2012. **Please note that submissions must be made through the online submission system and by email at the same time.** (To facilitate file management, please use the following system to name your file: YourSurname_Country.doc or YourSurname_Country.docx or YourSurname_Country.rtf)

Accepted proposals will be included in the Symposium Proceedings, only after reception of the registration fees of the first author.

The deadline for the full paper submissions is July 1, 2012. It will be peer reviewed. The guideline for the presentation of the full papers is joined below.

For further details on the symposium, please visit our website: <http://www.inedp.org/ioste-XV>

Please forward this message to others you think may be interested in participating in the symposium.

I, on behalf of **IOSTE / EDIPS / DISEMEF / ISEFC / UVT** and cooperating partners, feel honored to be hosting the conference in Tunisia. We look forward to seeing you at the conference.

IOSTE (International Organization for Science and Technology Education); EDIPS (Research Laboratory of education, didactics and psychology: Laboratoire de recherche en éducation, didactique et psychologie); ISEFC (Higher Institute of Education and Continuous Training: Institut Supérieur de l'Éducation et de la Formation Continue); UVT (University Virtual of Tunis: Université Virtuelle de Tunis); DISEMEF (Ecole doctorale "Didactiques, Sciences de l'enseignement, Métiers de l'Éducation et de la Formation"); FSB (Faculty of Sciences, Bizerte); CENAFFE (Centre National de Formation des Formateurs en Éducation de Tunisie); ATDSVT (Association Tunisienne de Didactique des Sciences de la Vie et de la Terre); ATDM (Association Tunisienne de Didactique des Mathématiques).

Kind regards,

MondherABROUGUI,

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EDIPS - ISEFC - University Virtual of Tunis

Chair, Local XV IOSTE Symposium Organizing Committee

Website URL: <http://www.inedp.org>

Direct URL: <http://www.inedp.org/?conference=ioste-XV>

Organizing Committee Email: iosteXV@gmail.com

The THEME: “Science & Technology Education for development, citizenship and social justice” is expressed through 9 Strands (S1 to S9):

• **S1: Education for Sustainable Development, Human Rights and Health.**

Suggested topics

- Education for all.
- Citizenship education.
- ESD (Education for Sustainable Development) / Environmental education.
- Health education/ health promotion/Sex education.
- Ethics in STE

• **S2: Cultural, social and gender issues in STE**

Suggested topics

- Gender issues.
- Values and Ethics in STE.
- International comparisons.
- Student diversity and inclusive education.
- Political issues in STE.
- Indigenous Knowledge and Intercultural Education.
- Language problems / linguistic diversity
- Conceptions, science, justice and citizenship
- Science, Technology and Society.

• **S3: STE and religion.**

Suggested topics

- Nature of science, nature of religion.
- Science education versus religious education
- Science and religion: strategies for learning and teaching, teachers training, curriculum design.
- Science and Belief: alternative conceptions.
- Teaching religions or enrolling in a religion? Inside or outside school?

• **S4: ICT for equity and democracy in STE.**

Suggested topics

- Digital divide.
- ICT and e-learning in teacher development.
- Smart school and ICT-based education.
- Distance learning and blended learning.
- ICT learning and instructional design.
- Perspectives and educational programs beyond ICT

• **S5: Epistemology, History and Philosophy in STE.**

Suggested topics

- History and epistemology in mathematics, fundamental and applied sciences
- History and Philosophy of Biomedical and Health Education.
- Philosophy of Science: Modeling, complexity, prediction

• **S6: Socio-scientific issues in STE.**

Suggested topics

- Socio-scientific issues and cognitive process in formal and nonformal learning
- Using Socio-scientific issues for STE
- Education in science centres and museums
- Positioning arguments and controversies in STE

• **S7: Teacher training and teaching practices**

Suggested topics

- Teachers and trainers in science and technology: Policy, missions, training, roles, values and perspectives.
- Teaching STE versus conception and competence
- STE: Practices and didactic design

• **S8: Curricula, textbooks and media in STE**

Suggested topics

- Critical analysis of official programs and textbooks.
- Curriculum design and development in STE.
- Inter/intra / trans-disciplinary topics.
- Science, Media and Society

• S9: Evaluation in STE.

Suggested topics

- Assessment and ranking of schools and universities.
- Assessment dealing with learning, training and citizenship education
- Competency assessment.
- Social impact of assessment.
- Theory and practice of Assessment, Evaluation, Testing and Measurement.
- Evaluation of Educational Research.
- Educational Assessment Policies and System Monitoring.
- International comparative evaluations (PISA, TIMMS, ROSE,...)

XV IOSTE SYMPOSIUM WEBSITE DIRECT LINKS

» Emails - Courriel

Organizing Committee: iosteXV@gmail.com

» XV IOSTE International Symposium

<http://www.inedp.org/?conference=ioste-XV&schedConf=Thematic>

- Current conferences - Conférences en cours

<http://www.inedp.org/?conference=ioste-XV&schedConf=index&page=schedConf&op=current>

» Call for Papers – (Appel à communications)

<http://www.inedp.org/?conference=ioste-XV&schedConf=Thematic&page=schedConf&op=cfp>

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» Overview – (Vue d'ensemble)

<http://www.inedp.org/?conference=ioste-XV&schedConf=Thematic&page=schedConf&op=overview>

» Guideline for autors (pdf) - (Guide pour les auteurs (PDF))

<http://www.inedp.org/ioste-xv-files/Guideline-for-autors-loste-XV-Symposium.pdf>

» Papers Submissions - (Soumissions de Communications)

<http://www.inedp.org/?conference=ioste-XV&schedConf=Thematic&page=author&op=submit>

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