

4th INTERNATIONAL CONFERENCE on "HANDS-ON SCIENCE"

1st CALL FOR PAPERS

In the footsteps of our successful previous conferences HSCI'2004 in Ljubljana, HSCI'2005 in Crete, and HSCI'2006 at the University of Minho in Braga attended by over 600 participants from 43 countries on 5 continents, with 403 different presentations, the fourth *Hands-on Science* annual conference, **HSCI'2007**, will be held in Ponta Delgada, Azores, Portugal, July 23 to 27, 2007. The Conference will provide the ideal opportunity for presentation of work related to Science Education. The aim of the Conference is to promote an open broad exchange of experience on good practice, syllabus and policy matters, social factors and the learning of science, and other issues related to Science Education and its development... *through an enlarged use of hands-on experiments in the classroom*. In addition, results from activities during the first three years of the Hands-on Science Network will be reported and discussed and conclusions established

...towards a better Science Education....

Proposals (*all accepted contributions will be published in electronic format and in printed form*) are invited for oral or poster presentations, workshops and group discussions, EU' cooperation project proposals, hands-on experiments demonstration sessions and Science Fair booths and exhibitions. Inquiries should be addressed to the Conference Chair, Manuel Filipe Costa, Universidade do Minho, Departamento de Física, 4710-057 Braga, Portugal, phone: +351253 604334/20, fax: 678981, email: mfcosta@fisica.uminho.pt or mfcosta.hsci@gmail.com. Conference website: www.hsci.info/hsci2007.html.

Important dates:

Deadline for submission of abstracts: May 21, 2007 (www.hsci.info/hsci2007.html)

Until June 25 late submissions might be accepted depending on space availability and on the quality of the work submitted.

Oral and poster presentations

Oral presentations may be between 10 and 40 minutes in duration. Poster presentations will be available for the full duration of the meeting. An abstract of up to 300 words describing the main points and conclusions of the presentation should be provided as soon as possible and no later than May 21, 2007. Electronic submission is available (www.hsci.info/hsci2007/author_info.html).

Discussion workshops and hands-on experiments demonstrations

Sessions will be scheduled for the discussion of particular topics (such as scientific literacy, women and science, migrants and minorities, science and society, ethics, R&D, life-long learning, science museums and informal learning) presentation and demonstration of experiments (hopefully, also presented in the Science Fair). Proposals for other workshops' topics are encouraged. A short abstract of no more than 500 words describing the activity must be submitted by May 28, 2007.

Science fair and robotics festival

Schools, research institutions, commercial companies, science clubs, teams and or groups of students or teachers, and individuals may prepare a booth to present their work at the Conference' Science Fair. A short abstract of no more than 500 words (two pages including affiliation and figures) describing the activity must be submitted by May 28, 2007.

A Lifelong Learning LLP/Comenius Contact Seminar "Building bridges in Science Education" will be held in parallel to promote the discussion and preparation of new Comenius EU' cooperation school projects.

Informal contacts between participants are considered of utmost importance. A diversified social and cultural program will be offered (www.hsci.info/hsci2007.html).

English is the official language of the Conference. Abstracts received in other languages before April 12 may also be accepted and translated into English.

**The H-Sci Network (www.hsci.info) exists to promote the development of Science education and scientific literacy. It encourages a generalized use of innovative hands-on experimental approaches to science and technology in-school teaching. In raising the profile and attractiveness of Science in Education, we aim also to increase the desirability of a career in Science for all.*



Program of the 4th International Conference on “Hands-on Science”

Day	Monday, July 23		Tuesday, July 24		Wednesday, July 25
Time	Activity	room	Activity	room	Activity
9:00	Registration	Foyer			Full day tourist tour S. Miguel' Island
10:00	Opening Ceremony	Aula Magna	Plenary Session 2	A1	
11:00	Coffee Break	Foyer	Coffee Break	Foyer	
11:30	Plenary Session 1	Aula Magna	Special Session	A1	
12:00	"Science Education. Diversity inclusion and development"		Women and Science		
13:00	Lunch	UAC	Lunch	UAC	
14:00					
14:30	Special Session	A1	Posters, Demos & Science Fair	P1 /P2	
15:00	Science and Society				
16:00	Coffee Break	Foyer	Coffee Break	Foyer	
16:30	Session 1 & 2	A1/A2	Session 3 & 4	A1 /A2	
17:00					Return to Ponta Delgada
17:30			Parallel Tutorials	A1 /A2 TC1	
18:00					
19:00	Welcome Reception	CMPD			
20:00			Banquet at invitation by the Presidency of the Regional Government		
21:30					
Day	Thursday, July 26		Friday, July 27		
Time	Activity	room	Activity	room	
9:00					
10:00	Plenary Session 3	A1	Plenary Session 4	A1	
11:00	Coffee Break	Foyer	Coffee Break	Foyer	
11:30	Special Session	A1	Session 6 & 7	A1 /A2	
12:00	"Science Education of Students with Special Needs"				
13:00	Lunch	UAC	Lunch	UAC	
14:00					
14:30	Posters, Demos & Science Fair	P1 /P2	Posters, Demos & Science Fair	P1 /P2	
15:00					
16:00	Coffee Break	Foyer	Coffee Break	Foyer	
16:30	Session 5 & 6	A1 /A2	Closing Session	Aula Magna	
17:00					
17:30	Visit Geothermal Plant				
18:00					
19:00					
20:00					
21:30	Azorean Folk Songs	Coliseum	Traditional Dance Show	Coliseum	

In parallel to the regular conference the *LLP/Comenius* Contact Seminar “Building Bridges. Towards an improved Science Education” will be running throughout the week.

The Science Fair will run at the foyer and rooms P1/P2 from Tuesday to Friday. Workshops, ateliers, exhibition of videos, demonstrations and technical exhibits will be happening throughout the week at the Science Fair premises.

Posters will be posted for the full duration of the conference at the foyer and rooms P1/P2.