

II INTERNATIONAL CONGRESS ON THE HISTORY OF SCIENCE IN EDUCATION

VIII MEETING ON HISTORY OF SCIENCE AND TEACHING

Proposal, Trend and Connection designs

October,
26-29
2021



Promotion



utad UNIVERSIDADE DE TRAS-OS-MONTES E ALTO DOURO

Science and solidarity on hands together



FCET



UNIVERSIDADE D
COIMBRA

FIRST CIRCULAR

The 2021 HiSciEdu 2 and JHC&Ens 8 events for history of science and education will be held 26-29 October in São Paulo and Campinas, São Paulo State, Brazil. The Graduate Program on the History of Science of the Pontifical Catholic University of São Paulo invites all interested on this subject matter to participate, attend, bring their researches and studies to share ideas, targets and aims. The II International Congress on the History of Science in Education (HiSciEdu 2) and the VIII Meeting on History of Science and Teaching (JHC&Ens 8) will be held jointly with The Earth Science History and Teaching High Level Course (Master and PhD) of The State University at Campinas, The University of Tras-os-Montes and Alto-Douro (UTAD), The University of Porto (UP) and, The University of Coimbra (UC).

The relationship between science and education is a large and complicated problem. That helps make democratic society by making the necessities of life to everyone. In crucial respects, historic approaches of the subject matters of teaching involves levels of complexity to all citizens and, affects their everyday lives. In consequence the initial and continuing education for teachers is part of worries which have brought to meet these two events in once.

The participants of the virtual congress will have online access to all parts of the scientific and educational program. The audience will have the opportunity to interact orally with the speakers.

Aims

The 2021 congress intends to promote the debate on education and history of science, as well as, to improve methodological aspects of research in interdisciplinary field of the historical approaches to understand natural and social sciences.

Students from different levels of teaching must theorize on humanistic questions about the challenges of our time. This is an educational aim to whatever professional from historical areas of knowledge. All professionals must be prepared to treat scientific and technological questions and challenges and it is an objective of the 2021 congress.

The development of tools and skills to problem solving is crucial to all professionals. This goes beyond history of science and technology scholars; in fact, it helps the general public and specially when people need discuss socioenvironmental questions. The research has been brought to identify frameworks concerned with charting the course for teachers and educators to improve school and teaching practices. They are objectives concerned humanistic questions, historic and comparative thought, which have illuminated how the knowledge realized the past problems and what that can help us to future perspectives.

The 2021 congress outline

Designation: II International Congress on the History of Science in Education / VIII Meeting on History of Science and Teaching

Promotion

- Graduate Program on the History of Science of the Pontifical Catholic University of São Paulo (PUC-SP)
- The Earth Sciences History and Teaching High Level Course (Master and PhD) of The State University at Campinas (Unicamp)
- The University of Trás-os-Montes and Alto-Douro (UTAD)

Co-Organization

- The Centre Simão Mathias for Studies in History of Science (CESIMA) - PUC-SP
- The Faculty of Exact and Technological Sciences (FCET) - PUC-SP
- The Institute of Geosciences of The State University at Campinas – Unicamp
- The University of Trás-os-Montes and Alto Douro - UTAD
- The Faculty of Sciences of The University of Porto - FCUP
- The University of Coimbra - UC

The 2021 congress schedule: 26th to 29th October

Place of congress: The Faculty of Exact and Technological Sciences (FCET) - PUC-SP and The Institute of Geosciences of The State University at Campinas – Unicamp

Subscriptions

On line subscriptions can be done from May 24st on Even3:

Link: <https://www.even3.com.br/jornadahistoriaciencia2021/>

Additional information by E-mail: hcensino2021@gmail.com

Donate

The 2021 congress encourages the participants to do donations and contributions to give support for philanthropic and scientific organizations. These organizations will be suggested in next weeks.

2021 congress features

We invite all participants to deep the main topics of congress to means of the different ways. There will be round tables, courses, workshops, oral and poster sessions and specific meetings.

- a) *Round tables*. To meet scholars to discuss main themes of congress, as well as curricular, methodological and practices for education in history of science.
- b) *Courses*. Scholars show up themes and topics of history of science. The approaches are elaborated from findings of researchers. They are opportunity to close in new interested in history of science and technology.
- c) *Workshops*. Scholars show up and discuss situated proposals of teaching and learning concerned historical approaches of contents or topics. They can create interrelationship among teachers, researchers and other interested people based on the findings of researchers.
- d) *Oral communications*. The oral sessions are programmed to approximate speakers and public attend in small groups to 9 works. The main idea is in short time to present but the next step is to promote a discussion among participants.
- e) *Panel session*. The panels will stay accessible in site of congress along the four days. Each panel will have a timetable to authors can discuss the studies and researches with interested people upon supervision of an expert to incentive the comments on all works.
- f) *Work groups*. There will be an effort to identify common themes have treated by different works to prepare a selection to plenary of the 2021 congress. The preliminary subject are the interconnections between history of science and education.
- g) *Plenary*. A final plenary to discuss relevant themes collected by the Work groups to suggest aims, targets, actions and the continuity of debates of the history of science and education.
- h) *Specific Meetings*. The Organizing Committee encourage the associations, societies and trade unions promote and discuss questions of the participants' interest.

Call for papers. Guide for authors.

The papers submitted and showed up in the congress will be evaluated by the Scientific Committee. The works can be published on: *História da Ciência e Ensino* (PUCSP), *Labor e Engenho* (Unicamp), *Terrae Didatica* (Unicamp).

Courses

A concise and factual abstract is required; it should not exceed 600 words. Title: concise and informative, 3 to 5 keywords. Title and keywords are admitted in national language (Portuguese, Spanish, French, Italian, etc.) but the English translation is obligatory. Studies in areas of history of science and technology, results and findings of research. Courses can last 2, 4, 6, or 8 hours, being two hours each day. Author(s) name(s), affiliations, grants and E-mail are obligatory.

Workshops

A concise and factual abstract is required; it should not exceed 600 words. Title: concise and informative, 3 to 5 keywords. Title and keywords are admitted in national language but the English translation is obligatory. Educational researches, well succeeded class activities which are based on historical approaches to improve the teaching and the learning. Workshops can last 2, 4, 6, or 8 hours, being two hours each day. Author(s) name(s), affiliations, grants and E-mail are obligatory.

Oral Communications or panels

A concise and factual abstract is required; it should not exceed 600 words. Title: concise and informative, 3 to 5 keywords. Title and keywords are admitted in national language but the English translation is obligatory. The work should be a result or findings of research in history of science, technology, medicine, etc. which open possibilities to interconnections with teaching. Author(s) name(s), affiliations, grants and E-mail are obligatory. After accepted, the manuscript can be solicited to submission to a journal linked with the congress.

Deadlines

Subscriptions	From May 24 th 2021
Submission of workshops, oral and panel communications	To July 30 th 2021
Divuligation of evaluation of the scientific works (workshops, oral and panel communications)	Ends of September 2021
Detailed schedule and program	Beginings of October 2021
HiSciEd 2 / JHC&Ens 8	26 th to 29 th October 2021

Organizing Committee

André Munhoz de Argollo Ferrão – The Earth Sciences History and Teaching High Level Course, The State University at Campinas, Unicamp

Deivid Marcio Marques, The Federal University at Uberlândia, UFU

Isilda Rodrigues – The University of Trás-os-Montes and Alto Douro, UTAD

Jorge Azevedo – The University of Trás-os-Montes and Alto Douro, UTAD

Maria Helena Beltran Roxo – Graduate Program on the History of Science of the Pontifical Catholic University of São Paulo, PUC-SP

Pedro Wagner Gonçalves – The Earth Sciences History and Teaching High Level Course, The State University at Campinas, Unicamp

Preliminary Schedule

Time Br-BRT [Pt-GMT]	26	27	28	29
9 [13] – 11 [15]	Course	Course	Course	Course
11 [15] – 12 [16]	Panel Session			
12 [16] – 14 [18]	Workshop	Workshop	Oral Session	Oral Session
14 [18] – 17 [21]	Overture Round tables	Round tables	Work groups	Plenary