



INTERNATIONAL CONFERENCE
**TEACHING AND LEARNING IN HIGHER EDUCATION:
NEW TRENDS AND INNOVATIONS**

13th to 17th APRIL, 2003

**UNIVERSITY OF AVEIRO
PORTUGAL**



**UNIVERSIDADE
de AVEIRO**

Teaching and Learning in Higher Education: New Trends and Innovations University of Aveiro, 13-17 April, 2003

Scope and Aims

The ICHEd aims at joining people interested in the present issues in higher education in what refers to students profiles, transition from secondary, recognition of qualification and prior learning accreditation, distance learning, teaching and learning contexts and strategies, innovative programmes, relationship with professional life, teacher professional development and accountability. The main objectives of the ICHEd conference are:

- To provide a forum for sharing problems, challenges, research and practices;
- To highlight the impact of new learning approaches;
- To foster interaction between young and experienced researchers and teachers;
- To establish international networks.

Theme and Sub-themes

Under the general theme of "Teaching and Learning in higher education: new trends and innovations", the contents are organized into three sub-themes:

- Meeting the challenges of a diverse student population and a broad student profile;
- Learning outcomes, assessment and teaching and learning activities;
- Institutional responses to current trends: accountability and professionalism;

Conference Structure

The Conference is organized in three topic areas addressed by an opening keynote speaker, invited speakers, paper presentations, symposia and poster presentations. At the end of each day there is a full discussion of the main ideas and conclusions.

A final workshop with the keynote speakers, invited lecturers and session rapporteurs is due to make a synthesis of conclusions and recommendations that will be included in the conference web page to receive feedback during the following two or three weeks.

Students' Participation

Students' perspectives will be taken into consideration. They can react to the extended abstract of keynote and invited lectures, to end-of-the day reports as well as to the final conclusions. These materials will be posted at the Conference web-site (<http://event.ua.pt/iched>).

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Speakers

- Prof. Alberto Amaral (University of Oporto, Portugal)
- Prof. John Biggs (University of Hong Kong, China)
- Prof. David Boud (University of Technology , Sydney, Australia)
- Prof. John Cowan (Heriot Watt University, UK)
- Prof. Russell Edgerton (Pew Forum on Undergraduate Learning, USA)
- Prof. Graham Gibbs (Open University, UK)
- Prof. Hans Hoogoff (Netherlands Institute for Curriculum Development, SLO-The Netherlands)
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- Prof. Annette Kolmos (University of Aalborg, Denmark)
- Prof. Júlio Pedrosa (University of Aveiro, Portugal)
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- Prof. António F. Cachapuz (University of Aveiro, Portugal)
- Prof. John LeBaron (University of Massachusetts, Lowell, USA)
- Prof. Peter Powell (University of Twente, The Netherlands)
- Prof. José Tavares (University of Aveiro, Portugal)

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SERVING A NEW MARKET THROUGH POSTGRADUATE EDUCATION

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Abstract: Higher Education is experiencing times of change. Institutions are forced to diversify sources of financing. The knowledge-based society and economy demands lifelong learning and returns old students to universities, now much more exigent. As such, institutions are faced with offering more heterogeneous and objective courses, dealing with the need of selling it, not only build it: More market orientation and Marketing approach is needed in Higher Education institutions planning. The European single market comes to University. The convergence for a European Higher Education area looks to increase its international attractiveness and mobility through greater readability and comparability. Higher Education institutions must have more real managerial powers and the corresponding responsibility: show what they are doing and for how they use the power granted to them. The more common solution to the current challenges has been based on offering postgraduate education, thus making use of scientific capacities, in an effort to maintain, or sustain growth, in resources. By adopting a marketing perspective, this paper looks to estimate the dimension of the market for postgraduate education. This study is focused on a specific case, namely, the Faculty of Economics of University of Algarve and class-based teaching. The aim is reveal relevant data on to design a competitive postgraduate program. We look to measure the market at hand, identifying market segments, using legislation requirements and (the old) demographic segment variables.

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ENVIRONMENT, HEALTH AND CITIZENSHIP: TEACHING NATURAL SCIENCES UNDER THESE PERSPECTIVES

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Universidade Federal do Estado do Rio de Janeiro - UNIRIO

Abstract: We propose new perspectives in higher education level for continuous formation in natural sciences for teachers to deal with science teaching at basic or middle education, which are based in a transversal view of knowledge. The topics of environment, public health and citizenship constitute the basis for an integrated process of teaching new and traditional contents in Biology, Chemistry, Mathematics, Physics and their technologies. The previous knowledge of the students as well as their social and cultural situation are taken to be the starting points from which the teachers of the various disciplines, working jointly, will develop the various contents in interdisciplinary themes. The teachers are expected to engage in a process of continuous formation and actualisation, being in permanent contact with high-level research institutions and universities, in the various areas of natural sciences. We intend to promote the appearance of a new kind of teacher, able to articulate multiple contents to prepare students to the challenges of contemporary times.

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