



**World Conference On
Educational Media
& Technology** **2012**

June 26–29 • Denver, Colorado
Grand Hyatt Denver

Final call for submissions: April 12, 2012
Authors notified: April 19, 2012
Early registration: May 2, 2012
Proceedings file: May 2, 2012
Hotel Reservation: May 23, 2012

- Keynote Speakers
- Invited Panels/Speakers
- Full & Brief Papers
- Best Practices • Panels • Roundtables
- Posters/Demonstrations
- Corporate Demonstrations/Literature
- Corporate Showcases
- Tutorials/Workshops • Symposia



- Virtual Brief Papers
- Virtual Posters
- Virtual Corporate Showcases

www.aace.org/conf/edmedia

INVITATION

ED-MEDIA 2012 – World Conference on Educational Multimedia, Hypermedia & Telecommunications is an international conference, organized by the Association for the Advancement of Computing in Education (AACE). This annual conference serves as a multi-disciplinary forum for the discussion and exchange of information on the research, development, and applications on all topics related to multimedia, hypermedia and telecommunications/distance education. ED-MEDIA, the premiere international conference in the field, spans all disciplines and levels of education and annually attracts more than 1,500 leaders in the field from over 70 countries. We invite you to attend ED-MEDIA and submit proposals for papers, panels, roundtables, tutorials, workshops, posters/ demonstrations, corporate showcases/demos, and SIG discussions. The Conference Review Policy requires that each proposal will be peer-reviewed by for inclusion in the conference program, proceedings book, and online proceedings available on EdITLib – Education and Information Technology Digital Library.

Information for Presenters

Details of presentation formats are given on the following pages. The general principles applying to all are:

- All communication will be with the contact presenter who is responsible for communicating with co-presenters of that session.
- All presenters must register and pay the registration fee (approximately \$400 members, \$450 non-members (\$US), Virtual Presentation approximately \$295 (\$US).
- The conference secure basic equipment needed for presenters.

Presentation Categories

The Technical Program includes a wide range of interesting and useful activities designed to facilitate the exchange of ideas and information.

- Keynote Speakers/Invited Speakers
- Full & Brief Papers
- Best Practices
- Panels
- Symposia
- Roundtables
- Posters/Demonstrations
- Corporate Showcases
- Tutorials/Workshops
- Corporate Demonstrations/Literature
- Virtual Brief Papers
- Virtual Posters
- Virtual Corporate Showcases

Hotel & Travel Arrangements

Special hotel room rates will be available to conference attendees at the Grand Hyatt Denver. Discount airfares will be available from a designated airline carrier.

Corporate Participation

A variety of opportunities are available to present research-oriented papers, or to showcase and market your products and services. For information about Corporate Showcases (30 minutes) and Corporate Demonstrations (2-hours, scheduled with the Poster/Demos).

See: www.aace.org/conf/edmedia/corporate.htm

Proceedings & EdITLib Digital Library

Accepted papers will be published by AACE in the Conference Proceedings and internationally distributed via the online EdITLib - Education & Information Technology Digital Library, sponsored by AACE (<http://www.EdITLib.org>). This Proceedings serves as a major source document indicating the current state of the teacher education and information technology. Each Conference registrant will receive permanent online access to the Conference Proceedings. The Proceedings may be purchased in bound book form via the AACE Bookstore, <http://www.digital-factory.net/aace>. Selected papers may be invited for publication in AACE's respected journals especially in the Journal of Educational Multimedia and Hypermedia (JEMH), International Journal on E-Learning (IJEL), or Journal of Interactive Learning Research (JILR). See: www.aace.org/pubs

Paper Awards

Papers present reports of significant work or integrative reviews in research, development, and applications related to the educational multimedia, hypermedia and telecommunications/distance education. All presented papers submitted during the first call for proposals will be considered by the Program Committee for Outstanding Paper Awards. There will also be an award for Outstanding Student Paper (therefore, please indicate with your submission if the primary author is a full-time student). Award winning papers will be highlighted in the AACE online periodical the AACE Journal.

Registration Includes

The registration fee for Presenters includes:

- Keynote & Invited Speakers
- 700+ concurrent sessions in varied formats to most optimally meet individual needs
- Proceedings access via the EdITLib Digital Library
- Abstracts access via the EdITLib Digital Library
- Presenter AV provided at no cost: PC, Internet, projector, & screen
- Onsite wireless network (no cost) for attendee use in meeting rooms and public areas
- Technical support

- Newcomer orientations/reception
- 150+ Poster/Demo sessions
- Complimentary Welcome Reception
- Morning and afternoon refreshment breaks
- Corporate Sessions
- Complimentary E-mail/Internet stations
- "My Conference" tool to help you create your customized conference schedule
- Commemorative registration totebag
- Job posting bulletin board - sponsor: AACE Career Center

ED-MEDIA 2011 Topics

The scope of the conference includes, but is not limited to, the following major topics as they relate to the educational and developmental aspects of multimedia/hypermedia and telecommunications:

Infrastructure

Architectures for Educational Technology Systems
Design of Distance Learning Systems
Distributed Learning Environments
Methodologies for System Design
Multimedia/Hypermedia Systems
WWW-based Course-Support Systems

Tools & Content-oriented Applications

Agents
Authoring Tools
Evaluation of Impact
Groupware Tools
Interactive Learning Environments
Multimedia/Hypermedia Applications
Research Perspectives
Virtual Reality
WWW-based Course Sites & Learning Resources

New Roles of the Instructor & Learner

Constructivist Perspectives
Cooperative/Collaborative Learning
Implementation Experiences
Improving Classroom Teaching
Instructor Networking
Instructor Training and Support
Pedagogical Issues
Teaching/Learning Strategies

Human-Computer Interaction (HCI/CHI)

Computer-Mediated Communication
Design Principles
Usability/User Studies
User Interface Design

Cases & Projects

Corporate
Country-Specific Developments
Exemplary Projects
Institution-Specific Cases
Virtual Universities

Universal Web Accessibility

This topic strand provides information to help adhere to laws, regulations and guidelines to make electronic accessibility available to those with physical challenges.

Emerging Technologies & Accessibility

Infrastructure, Technology & Techniques
International Challenges
New Roles for Teachers/Learners
Other: Research, Library Issues, etc
Policy and Law
Site Management Considerations

Indigenous Peoples & Technology

This topic provides information on the issues and applications related to indigenous peoples and technology. Submissions are invited on the following non-exclusive list of topics.

The Internet's Effects on Linguistic Diversity
Promoting Indigenous Language Development via Discussion & Chat
Multimedia Support of Language & Culture
Exploring Language with Digital Resources
Cultural Attitudes and Technology Acceptance
Modifying Computers to meet Minority Language Requirements
Oral Tradition Meets Voice Dictation
Voice Over IP, Net Meetings and Collaborative Thinking
Asynchronous, Reflective Discourse
Online Dictionaries and Language Development

SUBMISSION INFORMATION

FULL PAPERS

Presentation time: 25 minutes

Proposal submission length: At least 7 pages, properly formatted as per the guidelines; maximum of 10 pages. An abstract is not sufficient to be evaluated as a Full Paper.

Proceedings length: 10 pages maximum, 8 pages minimum

AV equipment provided: PC, Projector, Internet

Papers present reports of significant work or integrative reviews in research, development, applications, and societal issues related to all aspects of the conference topics.

Systems & Resources – Papers related to projects, technical developments, systems, and resources:

The paper should indicate:

- Whether this work is just beginning, on-going, or completed;
- The partners involved;
- The major goals and the basic approach - this includes the educational problem addressed or the new educational opportunity created;
- A brief review of previous work as a background;
- A clear description of what has been developed, including schematic overviews and screen dumps (if applicable);
- Any validation (usability testing, pilot testing, expert evaluation, etc) that has taken place;
- Future work and implications for others.

The reference list for this kind of paper should include URLs for the work, and at least a few literature references.

Conceptual & Empirical Studies – Reviews, conceptual overviews, evaluations and empirical studies:

The paper should indicate:

- The topic;
- The motivation for the work;
- The major questions addressed;
- The general process and conceptual framework, with references to literature;
- The concrete method, with sufficient detail on instruments and procedures;
- Major points or results;
- Implications.

This paper category requires a strong and up-to-date well synthesized literature review, with work from a variety of sources (not just the research team of the author), and also an appropriate writing and presentation style for a scholarly review or overview.

Case Studies – Papers related to local experiences (e.g., a course or a prototype tested in a local situation):

The paper should indicate

- The most important features of the context;
- A description of the problem in both local and conceptual terms;
- A description of who, what, why, and how, including screen dumps if relevant;
- Implications for the local setting or the local prototype; and
- Implications for others outside the local setting.

This paper category should include a reference list with relevant URLs, and a few citations to papers related to the local problem, but from outside the local setting. The latter is to indicate that the author can see the local situation in a broader and more general context.

Other – For authors who do not feel they fit in any of the above. The Program Committee may request that the author revise the paper to relate to one of the above categories, or may accept it as submitted.

BRIEF PAPERS

Presentation time: 15 minutes

Proposal submission length: At least 4 pages, properly formatted as per the guidelines; maximum of 6 pages. An abstract is not sufficient to be evaluated as a Brief Paper

Proceedings length: 6 pages maximum

AV equipment provided: PC, Projector, Internet

These papers are brief, more condensed presentations or work-in-progress projects.

New Developments – Descriptions of new extensions to existing projects or newly initiated projects.

Project Opportunities – Descriptions of projects underway that include opportunities for additional project partners.

Demonstrations

Other – For authors who do not feel they fit in any of the above. The Program Committee may request that the author revise the paper to relate to one of the above categories, or may accept it as submitted.

The submission should clearly indicate:

- What is going to be shown or demonstrated or offered;
- The major aspects;
- The context or motivation;
- Relevant URLs or literature references.

BEST PRACTICES

Presentation time: 20 minutes

Submission length: 1-2 paragraphs

Proceedings length: 6 pages (for proceedings) or 150 words (to be published only in Abstract Book)

AV equipment provided: PC, Projector, Internet

Best Practices session presenters discuss and demonstrate their organization's multimedia and/or online learning strategies, techniques, issues, solutions, and courseware. This is an opportunity to Inform attendees about the lessons learned and future plans from those who have designed, developed, and implemented multimedia/online learning.

PANELS

Presentation time: 1 hour

Proposal submission length: 2-6 pages (1,250-3,750 words)

Proceedings length: 6 pages maximum for each paper

AV equipment provided: PC, Projector, Internet

A Panel, consisting of 3-5 people (including chair), present views on a common theme, issue, or question, and then discusses them with the audience. Panel must present an opportunity for the audience to hear well reasoned arguments and discussions about pertinent topics as seen from a variety of viewpoints. For example, "on-line testing" could be a Panel discussion with panelists presenting arguments in support of, and in opposition to, testing. Panels must include the audience. Thus, panelists should take no more than 30, of the total 60 minutes, to make their case and then guide the audience through discussion and series of questions and answers. In an effort to present differing viewpoints, it is a requirement that panelists can NOT all represent the same institution, research project, or association. Panel selection will be based on the importance, originality, focus and timeliness of the topic; expertise of proposed panelists; as well as the potential for informative AND controversial discussion. Panels must allot at least 50% of the time for interaction/discussion with the audience.

The Panel leader should provide an abstract describing the panel and a submission file with the following sections that describe the panel:

1. introduction that links theme to literature and its significance for the field of information technology and education, around 150 word abstracts of each panelists' perspective,
2. list of panelists' perspective titles and authors, with their organizations, and countries in the order they will be presented, and
3. outline of how the panel will be organized. After acceptance, the Panel coordinator will be given the option to invite Panel authors to submit their papers to a specific website. Until then, authors should NOT submit their individual papers for the Panel. Contributing authors may choose to publish their papers in the Proceedings as a Full or Brief Paper. The Panel abstract will only appear in the conference Abstract book.

SUBMISSION INFORMATION

ROUNDTABLES

Presentation time: 1 hour
Proposal submission length: 2-6 pages (1,250-3,750 words)
Proceedings length: 6 pages maximum
AV equipment provided: Internet (if wireless card & PC provided by presenter), roundtable, electricity

These sessions allow maximum interaction in informal, small-group discussions on a single topic. The format is appropriate for papers, projects, or work-in-progress that encourage discussion. Roundtables share a room with 2-3 other concurrently held Roundtables.

If you wish to bring a PC, you could demonstrate a new piece of software, illustrate the process of using it, show participants some of the complexities and tricks about it, and give them an opportunity to try it themselves.

Internet (via your wireless card) and electricity will be provided. A screen and projector will not be provided as this is an informal small group discussion environment not conducive for projecting images from a distance.

These sessions are also appropriate for discussion of instructional strategies, procedures, and evaluation procedures. The idea is not to give a definitive workshop on the topic but provide participants with enough information for them to decide whether their needs can be met with the program or procedure.

If software is to be discussed, include a description of the software and the objectives of the session.

POSTER/DEMONSTRATIONS

Presentation time: 2 hours
Proposal submission length: 2-6 pages (1,250-3,750 words)
Proceedings length: 6 pages maximum
AV equipment provided: 4x8' poster board, 6' table, 1-2 chairs, electricity, Internet (if wireless card & PC provided by presenter)

Poster/Demonstration sessions enable researchers and non-commercial developers to demonstrate and discuss their latest results and developments in progress in order to gain feedback and to establish contact with similar projects.

Poster/Demonstration proposals must include:

- Description of the planned Poster/Demonstration; should emphasize the problem, what was done, and why the work is important.

Poster/Demonstration presenters will be required to arrange for their own systems software and hardware.

CORPORATE DEMONSTRATIONS/LITERATURE

Presentation time: 2 hours
Proposal submission length: 1-2 paragraphs
Proceedings length: No pages
AV equipment provided: 4x8' poster board, 6' table, 1-2 chairs, electricity, Internet (if wireless card & PC provided by presenter)

Demonstrate and discuss your company's products, services, developments, applications and research, inform the audience of your future directions, gain feedback, and establish contacts.

Scheduled with Poster/Demonstrations grouped together in open exhibition-style, usually all in one hall. This is an informal event with a circulating conference-wide audience. Sales are permitted. You may stock and sell your product at your table.

CORPORATE SHOWCASES

Presentation time: 30 minutes
Proposal submission length: 1-2 paragraphs
Proceedings length: 150 words (to be published only in Abstracts Book)
AV equipment provided: PC, Projector, Internet

Demonstrate and discuss your company's products, services, developments, applications and research, inform the audience of your future directions, gain feedback, and establish contacts.

Scheduled concurrently only with other Showcases. Presentation rooms generally accommodate 50-150 people, theatre-style. This is more of a formal presentation than the Corporate Demonstration.

TUTORIALS/WORKSHOPS

Presentation time: 3.5 hours
Proposal submission length: see information below
Proceedings length: no pages
AV equipment provided: Instructor PC, Projector, Internet

Tutorials and Workshops are intended to enhance the skills and broaden the perspective of their attendees. They should be designed to introduce a rigorous framework for learning a new area or to provide advanced technical training in an area. Submissions will be selected on the basis of the instructors' qualifications for teaching the proposed Tutorial or Workshop and their contribution to the overall conference program. Workshops differ from Tutorials by involving hands-on experience with hardware/software provided.

Note: Due to the extra expense required to provide Workshop (hands-on) equipment, only Workshops for which instructors provide their own participant equipment will be accepted. Please state in your proposal what equipment you will bring.

Tutorial/Workshop proposals must include:

- Clear description of the objectives;
- Intended audience (experience level and prerequisites);
- 200-word abstract;
- 1-page topical outline of the content; and
- Summary of the instructor's qualifications.

SYMPOSIA

Presentation time: 2 hours
Proposal submission length: 2-6 pages (1,250-3,750 words)
Proceedings length: 6 pages maximum for each paper
AV equipment provided: PC, Projector, Internet

A Symposium is a collection of Full and/or Brief Papers on a theme that has been coordinated and led by the symposium's leader(s). Each Symposium that is accepted will be allocated two adjacent hour-long slots in the conference program.

The Symposium leader should provide an abstract briefly describing the symposium and a submission file with the following sections:

- 1) introduction that links the theme to the literature and its significance for the field of information technology and education, around 150 word abstracts of each paper,
- 2) list of paper titles and authors, with their organizations, and countries in the order they will be presented and indicating which will be presented the first and second hours, and
- 3) outline of how the symposium will be organized.

After acceptance, the Symposium coordinator will be asked to invite Symposium authors to submit their papers to a specific website. Until then, authors should NOT submit their individual papers for the Symposium.

Contributing authors may choose to publish their papers in the Proceedings as a Full or Brief Paper. The Symposium abstract will only appear in the conference Abstracts book.

SUBMISSION REQUIREMENTS

Submit all proposals by completing the Web form at:
www.aace.org/conf/edmedia/submitguide.htm

All proposals must be submitted by uploading Rich Text Format (.RTF) or MS Word (.DOC) file formats using the Web form. No hard copy paper, faxed, or e-mail submissions will be accepted.

Please send your proposal only ONE time.

Questions? Contact AACE at: E-mail: conf@aace.org;
Phone 757-366-5606; Fax: 703-997-8760

Virtual Presentations

In consideration of presenters who may be unable to attend ED-MEDIA in person due to funding or time constraints, Virtual Presentations have been added to the program with the same validity (publication, certification, etc.) as the face-to-face (F2F) conference and with the capability to interact with session participants.

Why a Virtual Presentation?

- Saves money. No travel, accommodation, and restaurant costs
- Saves time. No travel or away time required.
- Allows you to participate when you schedule your time to do so.
- Same validity as the face-to-face (F2F) conference (publication, certification, etc.).
- Paper published in Digital Library proceedings.
- Publish and share all supporting media (PPT, video, etc.) in the Digital Library proceedings.
- Capability to interact with your session's participants (async) prior to, during and after the event.
- Participate in all conference session discussions (async).
- Viewing of keynote and invited speaker talks.
- Virtual presentations are green and reduce your carbon footprint.
- And more...

Virtual Registration Includes

- Paper published in Digital Library proceedings.
- Capability to interact with your session's participants (async) prior to, during and after the event.
- Technical support for online presentation platform.
- Access to Keynote & Invited Speaker talks.
- Access to all conference session discussions (async).
- Viewing of keynote and invited speaker talks.
- Proceedings access via EdITLib Digital Library

VIRTUAL PRESENTATIONS SUBMISSION REQUIREMENTS

Submit all proposals by completing the Web form at: www.aace.org/conf/edmedia/submitguide.htm

All proposals must be submitted by uploading Rich Text Format (.RTF) or MS Word (.DOC) file formats using the Web form. No hard copy paper, faxed, or e-mail submissions will be accepted. Please send your proposal only ONE time.

After submitting your proposal, use the menu at www.aace.org/conf/edmedia/submission/ and select "Add Files to Submission" to upload supporting media i.e., PowerPoint and video files. Also, at least one author must confirm by registering by the advance registration deadline.

Questions? Contact AACE at: E-mail: conf@aace.org;
Phone 757-366-5606; Fax: 703-997-8760

BACKGROUND

The ED-MEDIA conference series originated as the International Conference on Computers and Learning (ICCAL) which was held as a major international symposium in: Calgary, Canada (1987); Dallas, USA (1989); Hagen, Germany (1990); Wolfville, Canada (1992); ED-MEDIA conferences have been held in: Orlando, USA (1993); Vancouver, Canada (1994); Graz, Austria (1995); Boston, USA (1996); Calgary, Canada (1997); Freiburg, Germany (1998); Seattle, USA (1999); Montreal, Canada (2000); Tampere, Finland (2001); Denver, Colorado (2002); Honolulu, Hawaii (2003); Lugano, Switzerland (2004); Montreal, Canada (2005); Orlando, Florida (2006); Vancouver, Canada (2007); Vienna, Austria (2008); Honolulu, Hawaii, USA (2009); Toronto, Canada (2010); Lisbon, Portugal (2011). ED-MEDIA 2012 is the 24th in this series of internationally respected meetings.

VIRTUAL BRIEF PAPERS

Presentation time: 30 minutes

Proposal submission length: At least 4 pages, properly formatted as per the guidelines; maximum of 6 pages. An abstract is not sufficient to be evaluated as a Brief Paper.

Proceedings length: 6 pages maximum

Virtual Brief Paper sessions enable research, developers, and practitioners to present and asynchronously discuss, via the conference website and online Discussion board, their latest results and developments in progress in order to gain feedback and to establish contact with similar projects.

These papers are brief, more condensed presentations or work-in-progress projects. These sessions also may be new extensions to existing projects, newly initiated projects, and/or projects underway that include opportunities for additional partners..

Virtual Paper proposals must include:

- Description of the planned Brief Paper should emphasize the problem, what was done, and why the work is important

The submission should clearly indicate:

- What is going to be shown or demonstrated or offered;
- The major aspects;
- The context or motivation;
- Relevant URLs or literature references.

To be included in the Final Program, accepted Virtual Brief Paper presenters will be need to register by the confirmation deadline and also submit their presentation in one or more of the following file formats: PowerPoint (PPT, with audio preferred), Video (FLV, WMV,MPEG, AVI), Audio (MP3, MIDI). All presentation files also will be reviewed.

VIRTUAL POSTERS

Presentation time: 30 minutes

Proposal submission length: 2-6 pages (1250-3750 words)

Proceedings length: 6 pages maximum

Virtual Poster sessions enable research, developers, and practitioners to present and asynchronously discuss, via the conference website and online Discussion board, their latest results and developments in progress in order to gain feedback and to establish contact with similar projects.

Virtual Poster proposals must include:

- Description of the planned Poster/Demonstration; should emphasize the problem, what was done, and why the work is important.

To be included in the Final Program, accepted Virtual Poster presenters will be need to register by the confirmation deadline and also submit their presentation in one or more of the following file formats: PowerPoint (PPT, with audio preferred), Video (FLV, WMV,MPEG, AVI), Audio (MP3, MIDI). All presentation files also will be reviewed.

VIRTUAL CORPORATE SHOWCASES

Presentation time: 30 minutes

Submission length: 1-2 paragraphs

Proceedings length: 150 words (published only in Abstract Book)

To be included in the Final Program, accepted Corporate Showcase presenters will be need to register by the confirmation deadline and also submit their presentation in one or more of the following file formats: PowerPoint (PPT, with audio preferred), Video (FLV, WMV,MPEG, AVI), Audio (MP3, MIDI). All presentation files also will be reviewed.



THE MILE HIGH CITY



Welcome to Denver – the Mile High City – where a thriving arts and cultural scene, 300 days of sunshine, and the Rocky Mountain backdrop combine for one of the world’s most spectacular playgrounds. Denver is as laid-back as it is sophisticated. It’s a place where engineers rub elbows with rock climbers at local brewpubs, at art festivals, or while strolling along downtown’s 16th Street pedestrian mall.

Free shuttles gives visitors quick access to world-class art and culture, wine bars, restaurants, and nighttime entertainment and music in Larimer Square or historic LoDo. Upscale shopping awaits at Cherry Creek, while Denver’s seven professional sports teams showcase this city’s active spirit. Denver’s 850 miles of paved biking and walking paths, largest city park system of its kind in the country, connect visitors to unique attractions, parks and diverse neighborhoods. The area also boasts 14,000 acres of parks in the nearby mountains, including spectacular Red Rocks Amphitheatre. Other mountain parks include Echo Lake, at the base of the Mount Evans highway – the highest road in North America – and Buffalo Bill’s Grave on top of Lookout Mountain.

With adventure around every corner, one visit is all it takes to fall in love with this great city! Learn more at:

VISITDENVER.org

DENVER IN DETAIL

- Elevation: 5,280 feet
- Population: Approx. 600,00
- 300 days of sunshine each year
- Average daily high of 83°F in June
- Largest city park system in the U.S.
- Home to 7 professional sports teams

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