ICBL 2020 – Call for Papers

October 14th – 16th; 2020; McMaster University, Hamilton, Canada

9th International Conference on Interactive, Collaborative, and Blended Learning: Visions and Concepts for Education 4.0

The ICBL is a bi-annual conference of the International Association of Online Engineering (IAOE).

ICBL 2020 is the 9th in a series of bi-annual events concerning the fundamentals; applications and experiences in the field of Blended Learning and related new technologies including:

- General Topics in Interactive, Collaborative, and Blended Learning
- Computer Supported Collaborative Learning
- Education 4.0
- Pedagogical and Psychological Issues
- Real World Experiences

Another objective of the conference is to discuss guidelines and new concepts for engineering education in higher and vocational education institutions including emerging technologies in learning; MOOCs and Open Resources. ICBL2020 will offer an exciting technical program as well as networking opportunities.

Pre-conference

The program for Wednesday October 14th includes tutorials presented by academics and industry. A social program is planned for Saturday 17th. This will enable ample opportunities to learn more about the ICBL community.

Other opportunities to participate

Posters / thematic workshops / tutorials / technical sessions; as well as interactive demonstrations and exhibitions; may also be proposed. Prospective organizers of other ICBL2020 events are encouraged to contact the conference chair.

Optional Virtual Conference Environment

Delegates who cannot attend the conference in person can participate in the conference through a virtual environment.

Important Dates

13 Apr 2020	Submission of structured abstracts for full and short papers; Submission of proposals for special sessions
23 Apr 2020	Invitation to submit a full paper or short paper. Notification of acceptance of special session proposals.
31 May 2020	Submission deadline for complete full and short papers and all other submissions (Special sessions papers; Work in progress; Demos; Poster; Tutorials; Workshops)
22 Jun 2020	Notification of acceptance
20 Jul 2020	Camera-ready due and author registration
14 Oct 2020	Conference opening

Steering Committee Chair

Michael E. Auer; IAOE President & CEO

ICBL2020 Chairs
Dan Centea, Canada
Andreas Pester, Egypt
Christian Guetl, Austria

Program Chairs
Kostas Apostolou, Canada
Seshasai Srinivasan, Canada

Topics of Interest (but not limited to)

General Topics in Interactive, Collaborative, and Blended Learning:
Collaborative learning environments; Adaptive and intuitive environments; Mobile learning environments and applications; Learning analytics; Ontologies and e-Learning; New learning models and applications

Technology Based Collaborative Learning
Immersive environments and Virtual Reality in Education; Cloud-Based systems; Mobile Learning (M-learning); Integrating smart devices as collaborative learning tools; Virtual and online labs and virtual classrooms; Net-based learning; MOOCs and MOOLs.

Education 4.0:
Aligning Education 4.0 with Industry 4.0; Micro-credentials; digital credentials; AI-led teaching; AI, big data and IoT in education; Learning analytics; Competency-based education; Disruptive technologies and skill sets; Virtual assistants; Accessible learning; Remote learning; Lifelong learning; Personalized learning.

Innovation and Issues in Education:
Innovative research in pedagogy; Collaborative learning pedagogical approaches and methods; Advanced evaluation and assessment methods; Blended learning; E-mentoring and e-tutoring; Project-based learning; Problem-based learning; Integration of social networking and social computing in education; Critical success factors in distance and online learning; Novel interdisciplinary programs and approaches; Cognitive science and education; Psychology of learning; Psychological issues in education.

Real World Experiences:
E-learning success stories and case studies; Practical experiences in Blended Learning; Practices in Borderless Education.

Review / Proceedings

All submissions are subject to a double-blind reviewing process. All accepted submissions will be published as ICBL2020 Proceedings in Springer 'Advances in Intelligent Systems and Computing'.

More Information: www.icbl-conference.org
info@icbl-conference.org