



**First Announcement & Call for Papers**  
2018 International Conference on  
Interactive Mobile Communication Technologies and Learning  
*"Mobile Technologies and Applications for the Internet of Things"*  
McMaster University, Hamilton, Ontario, Canada, October 11-12 2018  
<http://www.imcl-conference.org/>

**Overview**

The 12th International Conference on Interactive Mobile Communication Technologies and Learning, IMCL2018, is part of an international initiative to promote technology-enhanced learning and online engineering world-wide.

The IMCL2018 conference will cover all aspects of mobile learning as well as the emergence of mobile communication technologies, infrastructures and services and their implications for education, business, governments and society.

The IMCL2018 actually aims to promote the development of mobile learning, to provide a forum for education and knowledge transfer, to expose students to latest ICT technologies and encourage the study and implementation of mobile applications in teaching and learning.

The conference will also aim to stimulate critical debate on theories, approaches, principles and applications of mobile learning among educators, developers, researchers, practitioners and policy makers.

**Important Deadlines & Presentation Formats**

Proposals for participation in the IMCL2018 conference can be submitted in the following formats:

|                     |  |
|---------------------|--|
| <b>01 June 2018</b> | Submission of: (i) structured <b>abstracts</b> (for full papers, short papers) for the main conference (ii) <b>Special Session</b> proposals |
| <b>18 June 2018</b> | Notification of acceptance for abstracts for the main conference.<br>Special Sessions notification and announcement                          |
| <b>08 Aug 2018</b>  | Submission of complete papers for all submission types   |
| <b>31 Aug 2018</b>  | Notification of acceptance   |
| <b>10 Sep 2018</b>  | Author registration deadline   |
| <b>17 Sep 2018</b>  | Camera-ready due   |
| <b>11 Oct 2018</b>  | IMCL2018 opening   |

**Instructions**

[http://imcl-conference.org/current/paper\\_preparation.php](http://imcl-conference.org/current/paper_preparation.php)

**Conference Proceedings**

The conference proceedings will be published as IMCL2018 Proceedings in the Springer series "Advances in Intelligent Systems and Computing". The books of these series are submitted to ISI Proceedings, EI-Compendex, DBLP, SCOPUS, Google Scholar and Springerlink. Selected award papers will be recommended for publication in the International Journal of Interactive Mobile Technologies (IJIM), the International Journal of Emerging Technologies in Learning (IJET) and the International Journal for Online Engineering (iJOE).

**Hamilton**

Hamilton is a city rich in history and culture, situated at the southern shores of Lake Ontario. It combines vibrant neighbourhoods with easy access to the surrounding diverse natural beauty. Niagara Falls and Toronto are each approximately one hour away.

**Topics**

The special focus of IMCL2018 is on the following topics:

- A. Mobile Learning Issues:
- Dynamic learning experiences
  - Large scale adoption of mobile learning
  - Assessment, evaluation and research methods
  - Mobile learning models, theory and pedagogy
  - Life-long and informal learning using mobile devices
  - Open and distance mobile learning
  - Social implications of mobile learning
  - Design of adaptive mobile learning environments
  - Cost effective management of mobile Learning processes
  - Quality in mobile learning
  - Ethical and legal issues
  - Location-based integration
  - Emerging mobile technologies and standards
  - Interactive and collaborative mobile learning environments
  - 5G Network Infrastructure
  - Tangible, embedded and embodied interaction
- B. Mobile Learning and the Internet of Things (IoT):
- Design of Internet of Things devices and applications
  - Internet of Things and Artificial Intelligence
  - Challenges for Internet of Things implementation
  - Open-source resources for IoT Development (hardware/software)
  - Industrial Internet of Things
  - Wearables & Internet of things
  - Mobile/online courses for Internet of Things
- C. Mobile Applications:
- Smart cities
  - Online laboratories
  - Game based learning
  - Mobile health care and training
  - E-health technologies
  - Learning analytics
  - Mobile learning in cultural institutions and open spaces
  - Mobile systems and services for opening up education
  - Social networking applications
  - Mobile Learning Management Systems (mLMS)

**Organizers**

- McMaster University, Hamilton Canada ([www.mcmaster.ca](http://www.mcmaster.ca))
- IAOE - International Association of Online Engineering ([www.online-engineering.org](http://www.online-engineering.org))

**Technical co-sponsors**

- IEEE Education Society ([www.ewh.ieee.org/soc/es/](http://www.ewh.ieee.org/soc/es/))
- CTI - Carinthia Tech Institute, Austria ([www.cti.ac.at](http://www.cti.ac.at))
- IGIP - International Society for Engineering Education ([www.igip.org](http://www.igip.org))