



The 10th International Conference on Intelligent Unmanned Systems

ICIUS 2014

Montreal, Quebec, Canada

September 29 - October 1, 2014

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Organized/Invited Session Chairs

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- Jean Bélanger, Opal-RT Technologies Inc., Canada
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Publication Chairs

Yang Shi, Canada; Juntong Qi, China; Xiang Yu, Canada

Award Chairs

Xavier Maldague, Canada; Yaohong Qu, China

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Chi Yuan, Sining Liu, Bin Yu, Canada

Local Arrangement Chairs

Wen-Fang Xie, Chevy Chen, Hamed Badihi, Canada

The 2014 International Conference on Intelligent Unmanned Systems (ICIUS 2014) will be held in Montreal, Quebec, Canada, from September 29th to October 1st, 2014. The conference offers a unique and interesting platform for scientists, engineers and practitioners throughout the world to present and share their most recent research and innovative ideas in the areas of unmanned systems (air, space, ground, and maritime systems), robotics, automation, and intelligent systems.

ICIUS is a well-established annual conference, which addresses the rapidly changing state of the art in unmanned systems (including Unmanned Aerial/Space Vehicles (UAVs), Unmanned Ground Vehicles (UGVs), Unmanned Surface Vehicles (USVs), and Unmanned Underwater Vehicles (UUVs) etc), and provides insights into the paths ahead for fundamental research, devices development and technology deployment around the world. The conference represents the highest pedigree in the fields of intelligent unmanned systems, with high quality content and international networking. This is the premier global event combining academic excellence with industrial representations within the conference, augmented by exhibitions and workshops planned to be held around the conference programme. At this conference, researchers, scientists, engineers and practitioners from all over the world congregate to exchange knowledge and expertise in the development and innovative applications of all types of unmanned systems, payload and accompanying systems. Pre-conference workshops offered by world leading researchers and industrial engineers in the fields will also be offered by ICIUS 2014.

All accepted papers with significant revisions will be further reviewed for post conference journal publications in *International Journal of Intelligent Unmanned Systems (IJUS)*, *Journal of Unmanned System Technology (JUST)*, *Journal of Instrumentation, Automation and Systems (JIAS)*, and *International Journal of Robotics and Mechatronics (IJRM)*. A special issue with selected papers will also be published at journal *Unmanned Systems (US)*, *Journal of Intelligent & Robotic Systems (JINT)*, and *International Journal of Intelligent Computing and Cybernetics (IJCC)*, respectively. Any contributed or invited paper can be nominated for the **ICIUS 2014 Best Conference Paper Award** and the **ICIUS 2014 Best Student Paper Award**. The final evaluation by the awards committee will take into account the presentations at ICIUS 2014.

Contributed Papers

Prospective authors are invited to submit the full version of their manuscripts in MS Word or LaTeX format. A maximum of 6 pages in the standard ICIUS format is allowed for each paper. Detailed instructions for paper submission are available on the conference website (<http://www.icius2014.org/content/paper-submission>).

Invited Sessions

The conference will feature invited sessions on new topics and innovative applications. These sessions will consist of 5-6 articles and undergo a regular review process. Prospective organizers should include a brief statement of purpose for the session as well as the abstracts of the papers.

Location

Montreal is a welcoming and cosmopolitan city, with legendary dining, world-renowned museums and performing arts, chic shops, and a population ferociously proud of its language and culture. Built on an island of the same name, Montréal lies in a bend of the St. Lawrence River 1,609 kilometers from the Atlantic Ocean. It embraces an inner-city mountain and a sea-level riverside, historic buildings and striking modern architecture, a French-speaking majority and a sizable Anglophone population. The downtown core and most visited neighborhoods are busy and vibrant. Autumn is the most picturesque time of a year in Montréal and surrounding areas as maple leaves change into vibrant shades of golden yellow, orange and red. It is the perfect time to enjoy the splendid view of maple leaves and experience the unique autumn feeling in the world's largest bilingual (French and English) city: Montréal (<http://www.icius2014.org/content/local-attractions-and-tours>).

Important Dates:

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| Invited Session Proposals: | April 25, 2014 (Extended) |
| Submission of Full Papers: | May 01, 2014 (Extended) |
| Paper Acceptance Notice: | June 15, 2014 (Extended) |
| Submission of Final Papers: | July 31, 2014 |
| Early Bird Registration: | July 31, 2014 |
| Conference: | Sept. 29-Oct. 1, 2014 |

For general inquiry, please send email to icius2014@gmail.com and visit the official conference website www.icius2014.org for all the latest information.

