



CALL FOR PAPERS

SSRR 2014

The 12th IEEE International Symposium on
Safety, Security, and Rescue Robotics

Oct. 27(Mon)-30(Thu), 2014
Toyako-cho, Hokkaido, Japan

Welcome to Lake Toya !

Toyako-cho is a town by Lake Toya in Hokkaido, Japan, and one of the most popular resort places in Japan. It has inexpensive conference facilities, many comfortable hotels with hot springs, and tourist facilities for international guests. In addition to these suitable conditions for conference places, there is an important reason for selecting Toyako-cho as the symposium place of SSRR2014.

Mount Usu, an active volcano near Toyako-cho, has erupt four times since 1900 and repeatedly damaged the surrounding area. The latest eruption was in March, 2000. In order to remember the disaster and maintain consciousness of natural dangers as well as revitalize the local community, the community has been leading efforts into studies that can help in understanding how to reduce the effects of disasters as well as lifestyle changes for the region.

Toyako-cho is the place representing for the basic philosophy of Hokkaido aboriginal (Ainu) "living together with ever-changing mother earth."

Scope

Topics include but are not limited to:

- Biologically inspired solutions
- Casualty assessment, care and extraction
- Chemical, biological, or radiological events
- Computer vision
- GPS-denied navigation and mapping
- Humanoid robots
- Humanitarian demining
- Human-robot interaction
- Inspection of critical infrastructure
- Manipulation
- Multi-agent coordination
- Nuclear decommissioning
- Sensing and sensor fusion
- SLAM in extreme environments
- Structural assessment
- Telemedicine
- Unmanned ground, aerial, and marine vehicles
- Urban search and rescue
- Wildland fire fighting

Important Dates
May 31 (Sun)
Workshop / tutorial proposal
July 10 (Thu)
Submission of full papers
October 27 (Mon.) - 30 (Thu.)
Symposium

Symposium Location
Toyako-cho Cultural Center
Toyako-cho, Hokkaido, Japan

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