

1st International Symposium on Robotics in Science and Technology Education

October 31, 2008, Yokohama City, Japan

Second Announcement and Call for Papers

Organizers

WRO2008 Yokohama Organization Committee
Non profit Organization WRO Japan

Co-organizers

WRO Steering Committee

Conference Organizing Committee

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Jun Arikawa(Tamagawa K-12 & University)
Yoshihiko.Takahashi
(Kanagawa Institute of Technology)

Secretariat

WRO2008 Yokohama Organization Committee

Special Cooperation

Kanagawa Institute of Technology
LEGO Education
Japan Science Foundation
Afre! Co., Ltd.

Support

Ministry of Education Culture, Sports, Science and Technology Japan
Ministry of Economy, Trade and Industry
Kanagawa Prefecture Government,
City of Yokohama Government
Kanagawa Prefecture board of Education
Yokohama City board of Education
The Yokohama Chamber of Comers and Industry
National Federation of UNESCO Associations in Japan
All Japan Senior high School Cultural Federation
All Japan Senior high School Cultural Federation in Kanagawa
The National Association of Principals of Technical Senior High Schools
The Central Society for Promoting The Industrial Education
The Robotics Society of Japan
Japan Robot Association
Japanese Society of Technology Education
The Japan Society of Mechanical Engineers
Information Processing Society of Japan
The Institute of Electrical Engineers of Japan
Society of Embedded Software Skill Acquisition for Managers and Engineers
Saitama University Japan
Tamagawa K-12 & University

(Applying)
Ministry of the Environment

Venue

【 Kanagawa Rodo Plaza 】
1-4 Kotobuki-cho Naka-ku Yokohama City ,Japan
<http://zai-roudoufukushi-kanagawa.or.jp/~l-plaza/map.html>

Aim of the Workshop

New educational materials using robotics result in new learning methodologies and have impacted the teaching methods, especially in science and technology courses. The objective of the International Symposium on robotics in Education is to provide a forum for the presenting and discussing the latest advances of improvements and challenges for education using new educational resources where robotics plays a key role. It will serve as a communication platform of school teachers around the world. The Symposium welcomes original technical papers addressing teaching and new materials on education using robotics. In addition, speakers will be invited from academia, industry, and government to address novel teaching and new materials.

The call for papers is to solicit papers for the oral sessions which are designed to be highly interactive. The official language of the Symposium is English. Those interested should submit a manuscript describing original work.

Areas of interest, but not limited to, include:

- Novel teaching methodology
- New teaching materials
- Creative teaching

Scope of the Symposium

The scope of the symposium will be related to new teaching materials in elementary schools, junior and senior high schools, universities and colleges.

Who Should Present

Teachers and practitioners from elementary schools, junior and senior high schools, universities and colleges, government, and people who are interested in education and teaching.

Who Can Attend

School teachers, professors, scientists, researchers, students, education practitioners, government officers, and people who are interested in education and teaching.

Paper Submission

The working language of the conference is English. Authors are requested to prepare the extended abstract (500 words). The extended abstract should include paper title, authors and affiliation, keywords and use the template available in the Symposium Website. For further information, see the Symposium web-site: <http://www.wroboto.org/>

Abstract paper : about 500 words

Full Paper : 2 to 4 pages

All accepted papers must be presented.

Important Dates

Deadline for extended abstract: July 18th 2008

Acceptance Notification: September 1st, 2008

Camera-Ready Paper Due (send paper to WRO Japan): September 30, 2008

Conference Registration: September 1-October 15, 2008

Secretariat

Email: wro_madoguchi@wroboto.org
Phone: +81-(0)50-3385-7831
Web site: <http://www.wroboto.org/>

Registration fee

USD 150 / participant

Include conference CD proceeding , lunch , tea breaks

Method of Payment T/T in advance non-refundable.

****Payment information will update ASAP****

PROGRAM AGENDA

***Time table may be changed.**

Dates: 31th Oct 2008

All participants are required to register.

8:45 Registration

9:45 – 10:00 Opening ceremony

10:00 – 10:40 Keynote address (40min)

10:40 – 11:00 Coffee Break

11:00 – 12:10 Paper Sessions (3 tracks)

(A) Elementary school

(B) Junior high school

(C) Senior high school

15 min presentation using PC and 5 min Q&A

12:10 – 13:30 Lunch

13:30 – 14:50 Paper Sessions (3 tracks)

(A) Elementary school

(B) Junior high school

(C) Senior high school

14:50 – 15:10 Coffee Break

15:10 – 16:00 Panel discussion on Robotics Education
