# INTERNATIONAL ROBOT SUNO TOURNAMENT 2013

第25回全日本ロボット相撲大会

# RACE FOR THE PERFECTION 碳 熔 熔

## • Schedule and Location

For the detailed time schedule, please refer to our website.

National Tournament

All Japan Tournament Sunday, 15th December at Ryogoku Kokugikan

International Tournament

International Robot-Sumo Tournament Sunday, 15th December at Ryogoku Kokugikan

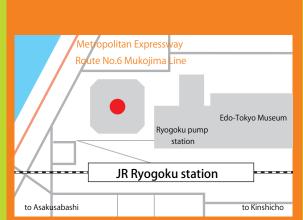
#### Oversea Tournaments

29th and 30th November 2013, Estonia, Baltic Robot Sumo 2013 April 2014 (Unfixed), City of San Mateo U.S.A. 2014 International Robo Games May 2014 (Unfixed), Istanbul Turkey, The 8th Robot Contest June 2014 (Unfixed), Mexico City Mexico, La Copa Internacional de Robótica IPN México 2014

\*We will provide detailed information about oversea tournaments in 2014 on our website.



Free admission Please print out this PDF and present at the reception.



### Ryogoku kokugikan

Yokozuna 1-3-28, Sumida-ku, Tokyo 4 minutes' walk from JR Ryogoku station

#### OPrecautions

- Free admission.
  Please do not contact directly to the venue. See contact information below
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  There is no parking at the venue. Please use public transportation.
- Smoking is prohibited in the area.
- Please do not use flash when taking photo. It might cause problem for robots.
- For any other information, please refer to our website.

#### ©Our Privacy Policy

We use the personal information we would collect during the tournament only for the operation and management of the tournament, and do not use any information other than this purpose. The personal information we collect would be secured under our privacy policy rules (http://www.fsi.co.jp/privacy).

#### ©Portrait Rights

Please notice that the images and movies taken by our staffs during the tournament, might be shown on TV programs, newspapers, magazines, radio programs, our company profile and our website.

#### [All Japan Robot-Sumo tournament and Regional Preliminary Matches]

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- / Ministry of Economy, Trade and Industry (Unfixed)/(public interest foundation)Vocational Education /Local Board of Education/ (General Incorporated Associations) Japan Robot Association
- /Local Board of Education/ (General Incorporated Associations) Japan Ro / (General Incorporated Associations) The Robotics Society of Japan
- / (General Incorporated Associations) The Japan society of Mechanical Engineers

#### / (General Incorporated Associations) The Institute of Electrical Engineers of Japan

# **FUJISOFT** http://www.fsi.co.jp/sumo

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#### Message



Hiroshi Nozawa

Thanks to the support of the people all over the world who loves "MONOZUKURI" - the spirit of craftsmanship, we are celebrating the 25th anniversary of "All Japan Robot-Sumo Tournament" this year. From the time when it has first started here in Japan, robot-sumo game has grown worldwide. Now there are numbers of robot-sumo tournaments all over the world, in countries such as Estonia. Latvia, Lithuania, Austria, Turkey, U.S.A., Canada, Mexico, Brazil, Colombia and Ecuador. The first "Copa Internacional de Robótica IPN México 2013" hosted by the United Mexican States has been held with great success from June 5th to 7th this year. As such, the robot-sumo is now called as a best educational tool to learn robot technology, and best players from all over the world gather to compete with each other over their skills to achieve the honor of "Yokozuna" in the Ryogoku Kokugikan, the shrine of the "Yokozuna", the best player of the world. As Ecuador team has joined in this year, 8 international teams in total would be in the tournament. The number of competitors is growing year by year also in "Robot American Football Tournament", the unique team game of robots. I hope you'd have a chance to see the exciting team play of robots. We would like to continue these tournaments for years to come, encouraging dream and passion for "MONOZUKURI" and giving motivation to study robot technology, for the people all over the world

We look forward for your participation and visit from every corner of the world.

## Our Mission

Our mission is to provide every people a chance to acquire the basics of technology and to encourage their inquisitive mind and creativity by building robots, showing the pleasure of "MONOZUKURI".

# NATIONAL TOURNAMENT

\* All lar

#### Robot-sumo, the battle of intelligence and technology! Which machine would win the honor of "Yokozuna"

Japan is said to have the highest level robot-sumo in the world. Again this year, preliminary matches toward national tournament sets off nationwide!



# At last! The first world champion of robot-sumo will be determined in INTERNATIONAL ROBOT SUMO TOURNAMENT 2013

From the first game held in 1990, now the total number of the robots who has participated in the tournament counts up to 47,000! Now the robot-sumo has become popular worldwide, and there are numbers of robot-sumo tournaments all over the world In this 25th anniversary year, we will proudly present INTERNATIONAL ROBOT SUMO TOURNAMENT 2013 to determine the first world champion! The international tournament will be the battle between national teams who won their national tournaments including Japanese teams. Which national team would be the champion?!

Don't miss the exciting battle for the sake of national pride and the honor of the world champion!!

# INTERNATIONAL TOURNAMENT

#### International Tournament



**«Next Oversea Tournament Schedule»** Baltic Robot Sumo 2013

- 29th and 30th November 2013, Estonia
- Robot Challenge 2014 March 2014, Wien (Vienna) Austria
- 2014 International Robo Games April 2014, City of San Mateo U.S.A
- The 8th Robot Contest
- May 2014, Istanbul Turkey
- La Copa Internacional de Robótica IPN México 2014
  June 2014, Mexico City Mexico We will provide detailed information about oversea tournaments in 2014 on our website.
- Ecu Selecting national team players for INTERNATIONAL ROBOT SUMO TOURNAMENT 2013

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- 05 udi Arabia: preparation for the national tournament in Saudi Arabia
- O India:
- n preparation for the National Tournament in India Singapore:
- ration for joining the international tournament
- China
- n preparation for joining the international tournament Korea:
- n preparation for joining the international tournament

Robot sumo is divided in two sections: "self-operating bouts", in which robot wrestlers fight based on computer programs, and "radio-control bouts", where wrestlers are controlled by • What is Robot-Sumo? proportional radio control system. The robot size is 20cm in depth x 20cm in width, and the weight is 3000g."/idea", "technology" and "the spirit of MONOZUKURI" are filled inside this little machine. Functions of the Sumo Wrestling Robot Rules The Rule is simple. You lose when you touch the ground out of the ring. Still NOT losing, [Brain] (Power) Still NOT losing even if you fall on the ring The microcomputer processes the information from each sensor and controls the motor. Lithium polymer battery is a major power source 16 P ົ The Dohyo (ring) [Drive] Two-wheel drive is a major drive Industrial use motors are used. [Eyes] \_\_ycs\_\_ ose range (1m) multiple infrared nsors equipped. ПП [Stability]-[Sole] You lose Magnets are equipped on undersurface. It is devised to stick on the steel made Dohyo (ring) to stay inside the Dohyo (ring). Optical sensor detects the white fringe of the Dohyo (ring). The ground ł