

February 13, 2018 MISUMI Group Inc.

# "MISUMI presents the 32<sup>nd</sup> ROBO-ONE" to be held

~ Fully autonomous robot event "ROBO-ONE auto" to appear in Odaiba for the first time ~

MISUMI Group Inc. (Head Office: Bunkyo ward, Tokyo; Representative Director, President and CEO, Ryusei Ono) is the main sponsor of "MISUMI presents the 32<sup>nd</sup> ROBO-ONE", a battle tournament for biped robots, organized by the Biped Robot Association of Japan, and will be held at the Miraikan- National Museum of Emerging Science and Innovation on February 24th & 25th 2018.

Miraikan- National Museum of Emerging Science and Innovation is the birth place of ROBO-ONE where the first event was hosted. Last time it was held at Miraikan was the 25th tournament held in September 2014, almost three and half years ago. In addition, the fully autonomous robot division "ROBO - ONE auto" -newly incorporated in 2017, will appear for the first time in Odaiba. An exciting battle between fully autonomous robots will surely make children with an interest in robots get excited, but also give adults a feel of how robots are evolving. Also, as a memorial souvenir, elementary school children and younger will all receive a specially made card strap case.



Scene from the previous tournament



specially made card strap scheduled to be given to all children in elementary school and younger as a memorial souvenir

## Summary of "ROBO-ONE"- battling tournament for biped robots

"ROBO-ONE" is a robot battle tournament held twice a year, since it began in 2002. The robots throw punches and employs throwing techniques to defeat their opponents. Each contestant fights a three-minute round to see who has the toughest biped robot. The first contestant to score three knockdowns wins the match.

The competition is made up of three categories. "ROBO-ONE", "ROBO-ONE Light", and "ROBO-ONE auto". "ROBO-ONE" and "ROBO-ONE Light" uses a controller to maneuver the robots to battle it out. "ROBO-ONE Light" is a tournament for beginners using official authorized store-bought robots or self-made robots weighing less than 1Kg. "ROBO-ONE auto" differs from the other two categories in that robots cannot be maneuvered during the fight using a controller; in other words, it's completely an autonomous battling competition.



The following is the schedule for the upcoming tournament.

### ■Date and time

February 24<sup>th</sup> (Saturday) Qualifying match starts from 10:15 and scheduled to end around 17:00

MISUMI presents 16<sup>th</sup> ROBO-ONE Light qualifying tournament

MISUMI presents 3<sup>rd</sup> ROBO-ONE auto qualifying tournament, and finals tournament

MISUMI presents 32<sup>nd</sup> ROBO-ONE qualifying tournament

February 25<sup>th</sup> (Sunday) starts from 10:15 and scheduled to end around 17:20

MISUMI presents 16<sup>th</sup> ROBO-ONE Light final tournament

MISUMI presents 32<sup>nd</sup> ROBO-ONE finals tournament

X This event is scheduled to be broadcast through the internet via niconico Live broadcast and YouTube Live channels.

#### ■Tournament venue

Miraikan - The National Museum of Emerging Science and Innovation

2-3-6 Aomi, Koto-ku, Tokyo, Japan http://www.miraikan.jst.go.jp/en/

#### ■Website

ROBO-ONE Official website: <a href="http://www.robo-one.com/en/">http://www.robo-one.com/en/</a>

MISUMI Group's ROBO-ONE special website: http://www.misumi.co.jp/robo-one/

■Number of robots participating (as of February 7th, 2018)

ROBO-ONE Light: 130 robots

ROBO-ONE Light: 119 robots

ROBO-ONE auto: 34 robots

## ■Prizes

## **ROBO-ONE**

First prize: ¥500,000, Second prize: ¥300,000,

MISUMI award: ¥100,000 and a MISUMI products valued at ¥50,000, etc.

ROBO-ONE Light / ROBO-ONE auto

First prize: ¥200,000, Second prize: ¥100,000, etc.

In addition to sponsorship of the ROBO-ONE, MISUMI Group has been offering MISUMI products etc. to student clubs that are participating in automobile and robot competition as part of the "student manufacturing support" initiative since 2008, pursuant to a selection and screening process. We provide these free of charge to students involved in future manufacturing. Just like fiscal year 2016, for fiscal 2017, we expect to support over 200 student clubs.

The MISUMI Group will continue to support people who are passionate about manufacturing.

For media inquiries contact:

Corporate Relations Department, MISUMI Group Inc.

e-mail: <u>pr@misumi.co.jp</u> Tel: +81-3-5805-7173

For ROBO-ONE inquiries contact:

Biped Robotics Association

e-mail: bra-info@biped-robot.or.jp Tel: +81 50-3700-2691