

MECHATROLINK News brings the latest MECHATROLINK information to our members.

### MECHATROLINK Fair



**MECHATROLINK FAIR**  
An Invitation to the MECHATROLINK Fair

*MECHATROLINK Solutions meet the needs of the future today*

**Jan. 31, 2011 (Mon) Nagoya Fair**  
Time: 1:00 P.M. to 5:00 P.M. Venue: WINC AICHI 8F (Exhibition floor)

**Feb. 1, 2011 (Tue) Matsumoto Fair**  
Time: 1:00 P.M. to 5:00 P.M. Venue: Matsumoto Meitetsu Show Hall (Room: Hall No.1)

Free admission  
Keynote speech  
Developing MURATA BOY®

The MECHATROLINK Members Association will host the MECHATROLINK Fair in Nagoya on January 31, and in Matsumoto, Nagano, on February 1, 2011. Thirteen companies manufacturing MECHATROLINK-compatible products will exhibit their products. Visitors will be able to see a variety of machines at the fair, including PLCs, motion controllers, servo drives, and I/Os.

The developer of the MURATA BOY®, a bicycle riding robot, will be invited to give a keynote speech. The MECHATROLINK technical seminar will also be held at the venue. An application form for admission to the fair can be downloaded from the following website. Fill out the form and fax us to register for admission.

[http://www.mechatrolink.org/jp/events/2010/event\\_101214\\_mechatrolinkfair.html](http://www.mechatrolink.org/jp/events/2010/event_101214_mechatrolinkfair.html)

Visitors who fill out the questionnaire will have a chance to win an electronic dictionary. We are looking forward to seeing you at the fair.

	Nagoya	Matsumoto
Date	Jan. 31(Mon), 2011 13:00 - 17:00	Feb. 1 (Tue), 2011 13:00 - 17:00
Place	WINC AICHI*	Matsumoto Meitetsu Show Hall*
Keynote Speech	Theme: Developing MURATA BOY® Time: 15:00 - 15:50 Speaker: Shigeru Tsuji Production Division, Production Technology Development Management Department, Murata Manufacturing Co., Ltd.	

\*Information on access to each venue can be obtained by clicking the "Invitation to MECHATROLINK Fair" link on the website above.

#### ◆ Participating MMA member companies

ALGOSYSTEM CO., LTD ANYWIRE CORP. M-SYSTEMS CO., LTD. ORIENTAL MOTOR CO., LTD. Sankyo Seisakusho Co. TIETECH CO., LTD. Digital Electronics Corp. TOKYO ELECTRON DEVICE LTD.	NIKKI DENSO Co., Ltd. Nichigoh Communication Electric Wire Co., Ltd. Micronet Co. YASKAWA ELECTRIC CORP. YOKOGAWA ELECTRIC CORP MECHATROLINK Members Association
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### Report on the SEMICON JAPAN2010

The MMA participated in SEMICON JAPAN2010 held at Makuhari Messe, from Dec. 1 to 3 (Wed - Fri), 2010.

The presentation "Now I Know MECHATROLINK!" was delivered in a Q & A role play format to better engage audience. Many people came to see the presentation and it was a quite a success.

#### Presentation



#### MMA booth



More than 1,000 people visited the MMA booth during the three-day exhibition, including a good number of visitors from overseas. We give our thanks to everyone for coming to see our exhibition.

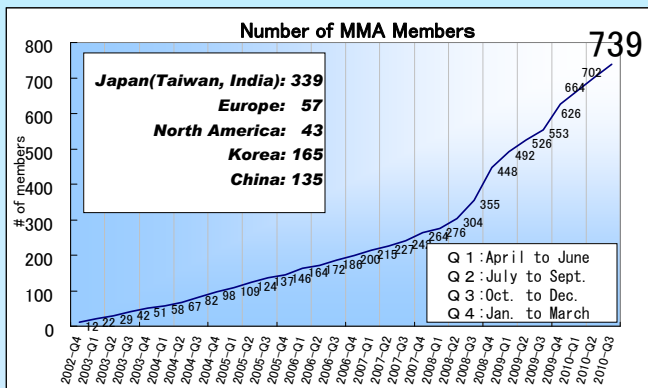
We displayed new exhibition panels to show products made by member companies. The MMA will continue to strongly promote MECHATROLINK.



MECHATROLINK-compatible products

### Increase in MMA Members

728 companies (Nov. 2010) ⇒ 739 companies (Dec. 2010)  
An increase of 11 companies since the end of November when Vol.20 was issued !



## MECHATROLINK Seminar in Korea

### MECHATROLINK Technical Seminar in Korea

The MMA will conduct a seminar targeting people who are developing MECHATROLINK-compatible devices on Feb. 23, 2011 in Seoul, Korea. It will be the first seminar of its kind, and we are expecting many participants. At the seminar, MECHATROLINK-compatible products will be displayed on the exhibition panels.

Date: February 23 (Wed), 2011 13:00-16:30

Place: Korea Science and Technology Building (Seoul)

Target: People considering the adoption of MECHATROLINK and people who are planning to develop MECHATROLINK-compatible products.

Contents: Explanations on general MECHATROLINK specifications, hardware, software, and important things to remember when developing MECHATROLINK-compatible products.

Application: Application instructions for participation in the seminar will be published soon on the website (in Korean).

## MECHATROLINK Seminar in Taiwan

### MECHATROLINK Technical Seminar in Taiwan

The MMA will conduct a seminar targeting people who are developing MECHATROLINK-compatible devices in March, 2011 in Taichung, Taiwan. MECHATROLINK-compatible products will be exhibited as they were last year.

Date: Sometime during the last ten days of March 2011

Target: People considering the adoption of MECHATROLINK and people who are planning to develop MECHATROLINK-compatible products.

Contents: Explanations of general MECHATROLINK specifications, hardware, software, and important things to remember when developing MECHATROLINK-compatible products.

Application: Application instructions for participation in the seminar will be published soon on the website (in Chinese).



Last Seminar in Taiwan

## Safety Task Force

The MMA is developing safety protocols for MECHATROLINK communications. As a part of our effort, we plan to establish a safety working group. Board member companies, executive member companies, and regular member companies are entitled to take part in this task force.

Systems that comply with safety standards can be constructed by using products compatible with the MECHATROLINK using safety protocols. We urge that companies considering development of MECHATROLINK-compatible products with safety protocols join the task force. We'll send out the invitations by e-mail to MMA members soon.

### Safety task force

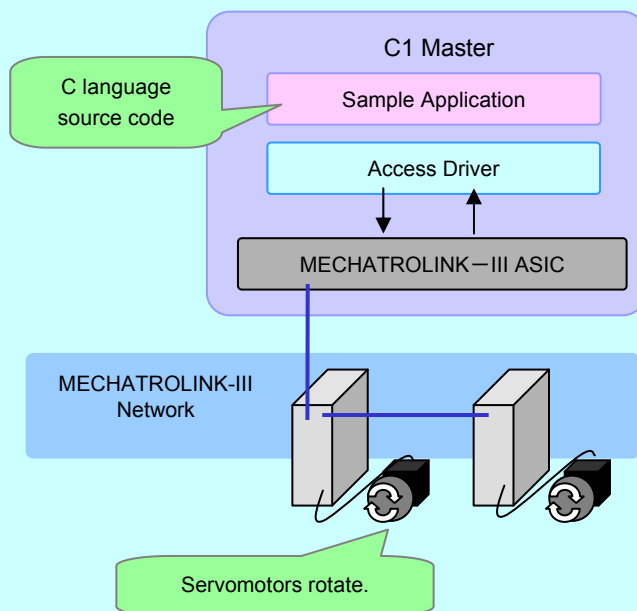
Launch: February 2011 (for one year)  
Qualifications: Board, executive, and regular member companies  
Venue: Conference room at a member company

## Sample Application for MECHATROLINK-III C1 Master

A sample application for the MECHATROLINK-III C1 master has been published on the MMA website for members as additional technical documents made available to members.

The sample application is in the form of source code written in C language. The application includes programs for a series of processes from initial processing, such as initialization process of ASIC, to the rotation of motors by using MECHATROLINK-III standard servo profile commands. This sample application will help people engaged in developing C1 masters to understand the access driver of the C1 master and the MECHATROLINK-III commands.

### Rotating servomotors with the sample application



The sample application can be downloaded from the MMA member page of the MECHATROLINK Members Association website.

We will continue to add and update technical information to promote the development of MECHATROLINK-compatible products by member companies.

## Future Events

Jan. 31, 2011: MECHATROLINK Fair (Nagoya)  
Feb. 1, 2011: MECHATROLINK Fair (Matsumoto, Nagano)  
Feb. 23, 2011: MECHATROLINK Seminar (Korea)  
March 2011: MECHATROLINK Seminar (Taiwan)  
March 8 - 11, 2011: AIMEX2011(Korea)  
March 15 -17, 2011 SEMICON China2011

### Inquiries:

For questions about joining the MECHATROLINK Members Association and other inquiries, please contact the MMA.

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