CONFERENCES & EXHIBITION

Europe Japan
challenges in mechatronics

May 20th & 21st 2008
Espace Grand-Bo
Grand-Bornand
Hte-Savoie - France

Organised by

www.emm2008.eu

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Partners
EMM 2008, the meeting of Japanese and European mechatronics industry, will draw a parallel between industrial mechatronics best practices in Europe and Japan. Automotive industry, robotics, production systems, medical and consumer goods: all sectors are addressed by leading European and Japanese experts from major groups and innovative SMEs.

For the past 6 years, European Mechatronics Meeting (EMM) brings together the leading players from industry and research. This is the best way to exchange on new market needs and most relevant mechatronic technologies. EMM is organised by Thesame, the first European mechatronics network.

Speakers in previous EMM:

Sponsors:
challenges in mechatronics

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Grand-Bornand
Hte-Savoie - France

International mechatronic week overview

Monday may 19th 2008
Le Lundi de la Mécanique
(Organised by CETIM)
With Tefal visit. (only in French)

Tuesday 20th and Wednesday 21st, May 2008
EMM 2008: the meeting of Japanese and European mechatronics industry

Wednesday 21st, Thursday 22nd and Friday 23rd, May 2008
Mecatronics2008:
the scientific congress (see page 8)

EMM Exhibition
The mechatronics show
At the same time, the exhibition space will allow visitors to carry out a real technological survey on the latest developments proposed regarding mechatronics products and services.

EMM Conferences
Two days for exchanges in the spirit of “Davos of mechatronics”:
70 conferences punctuated by friendliness and expertise.

EMM Official dinner
An informal evening dinner to discover the charms of "mountain culture".
Conference program
Tuesday May 20th 2008
9 h - 18 h

EMM 2008 opening ceremony
With participation of: His Excellency Yutaka IIMURA, Ambassador of Japan to France*, Bernard ACCOYER*, the president of French National Assembly, Fernand PEILLOUD, President of Théâme and Vice President of “Conseil Général de la Haute-Savoie”, René NANTUA, Vice President of ARVE-INDUSTRIES competitiveness cluster, Sumihiko SETO, Director JETRO Lyon.

Mechatronics, a link between Europe and Japan
Reiko KIMURA
Director EU-Japan Centre for Industrial Strategies and collaborations between French and Japanese industrial clusters
Christian VICENTY
DGE MINEFE, in charge of industrial partnerships between French, Korean and Japanese clusters

Presentation of the first standard specification initiative in mechatronics
Olivier DE GABRIELLI
Thésame

Industrial strategies and Europe Japan collaborations
Chairman:
Herve BRELAUD,
SNR R&D Director

State of Europe Japan industrial collaborations
Reiko KIMURA
Director EU-Japan Centre for Industrial Strategies and collaborations between French and Japanese industrial clusters

Strategies and collaborations between French and Japanese industrial clusters
Christian VICENTY
DGE MINEFE, in charge of industrial partnerships between French, Korean and Japanese clusters

Presentation of the first standard specification initiative in mechatronics
Olivier DE GABRIELLI
Thésame

Mechatronics in automotive industry
Chairman:
Gérard-Marie MARTIN
VALEO Electronics and MOV’EO Cluster

Presentation of mechatronics activities in MOV’EO Cluster
Gérard-Marie MARTIN
VALEO Electronics and MOV’EO Cluster

The stakes of mechatronics in automotive industry
Dominique LHOTELLIER
Research Department RENAULT

O2M project, future mechatronics modelling and simulation tools
Denis BARBIER - VALEO and Daniel MARSON - Dassault Systèmes

Wheel bearing, innovative component for Global Chassis Control
David KWAPISZ - SNR Mechatronics

* with proper reserves
Mechatronics in automotive industry

Chairman: René NANTUA, SNR Mechatronics Manager and ARVE-INDUSTRIES cluster VP

- High speed and high temperature actuators
  Claude MARCHAND
  LGEP Supelec
- VIPA, unmanned urban transport vehicle
  Olivier METZELARD - APOJEE
- From automotive to civil work machinery: electronic management of hydraulic power
  Guillaume CHARRIER
  Mechatronics forecasting engineer
  Poclain Hydraulics

Mechatronics in industrial products and components

Chairman: Jean TOURNOUX, President of ARTEMA, CEO SKF France

- ARTEMA, the French mechatronic industry trade association
  Jean TOURNOUX - President of ARTEMA
- Mechatronics in industry: challenges and main applications
  Olivier MESSAGE
  SKF France
- The make switch, a mechatronics application for electric high power laboratories
  Emile DAGONET
  Project Engineer - Etna Industrie

Mechatronics in industrial products and components

Chairman: Jean-Claude GUILLEUX, CETIM Senlis Director

- Mechatronics for environment: sealing systems for green energy
  Christian FAVETTO
  Managing Director Freudenberg Simrit SAS
- Mechatronical developments in Drive System
  Dr Jochen MALHEIN
  -Development Group Leader "innovation mechatronics" Sew Usocome
- How mechatronics has changed handling systems: from pneumatic to robotic functions
  Frédéric REICHERT
  Product Manager Handling Units, FESTO AG & Co
- Mechatronics in the heart of automation condition monitoring
  Ludovic MARAIS
  Manager design for pneumatics, Bosch Rexroth

From 18h Official dinner

Sponsored by

Drink in ‘Espace Grand-Bo” with "Le Cor des Alpes" Alphorn music
Dinner
in “La Croix Saint-Maurice” restaurant
Conference Program

Wednesday may 21st 2008 8 h 30 - 18 h

EMM 2008 and Mecatronics2008 common day.

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Mechatronics best practices in Europe and Japan

Innovation typology in Europe and Japan

Etsuo YONEYAMA
Professor EM-LYON

Looking for the "missing link", or how to add a better service for users

Françoise PFISTER
DG Siam Ringspann

Modelling and optimal design for enterprise supply chain

Yasutaka KOGA
Corporate Manufacturing Engineering Center TOSHIBA

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Research in mechatronics

Mecatronics 2008 opening ceremony, 7th edition of France-Japan

(5th Europe-Asia) Congress on Mechatronics (see page 8)

Professor Seiji HATA
Kagawa University

Jacques LOTTIN
SYMME Director Polytec'Savoie.

Laurent FOULLOY
Director of Polytec'Savoie

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Parallel sessions

(12 presentations)

Manufacturing systems and equipments

Modelling, prototyping and testing mechatronic systems

Quality and Reliability of mechatronic systems
Exhibition visit and mechatronics products demonstrations

- Demonstration of VIPA, unmanned urban individual vehicle

Technologies and applied research

Chairman: Denis LINGLIN, C4i MIND Director

- From mechatronics to micromechatronics
  - Jochen LANGHEIM
    - Automotive Advanced Research
    - Program Director ST MICROELECTRONICS

- Linear motion actuator for Electromechanical Brake
  - Tatsuya YAMASAKI
    - Researcher at New product R&D center NTN Corporation

- Recent advances in energy harvesting
  - Jean Frederic MARTIN - ARVENI
  - Christophe GOUPI - GDR Thermoélectricité

- Industrial views on future mechatronics
  - Denis MATHIEU
    - SKF

Parallel sessions (9 presentations)

- Medical applications
- Robotic applications
- Industrial vision applications
**Mecatronics2008**

7th France-Japan & 5th Europe-Asia Congress on Mechatronics

From may 21st to 23rd 2008

After the 5th edition in Besançon (France) in 2001 and the 6th edition in Saitama (Japan) in 2003, the 7th edition of France-Japan (5th Europe-Asia) Congress on Mechatronics will gather European and Japanese researchers about the latest innovations from industrial and academic research.

About one hundred communications is planned (robotics, industrial applications, production systems, medical applications...).

EMM 2008 and Mecatronics2008 common day will allow a real meeting between industry and research for innovation, development and competitiveness.

www.mecatronics.org
mecatronics2008@univ-savoie.fr

Reduced fees for joint registration

EMM 2008/Mecatronics2008:

University: **580 €TTC**

Industry: **830 €TTC**
Registration form EMM 2008

Tuesday 20th & Wednesday 21st may 2008
"Espace Grand-Bo" - Grand-Bornand - Haute-Savoie - France

Please send form with evidence of payment to
Valérie BRAESCH - THESAME - 7 avenue du Parmelan - BP 2444 - 74041 Annecy Cedex - France
vb@thesame-innovation.com - Tel. +33 (0)4 50 33 58 23 - Fax +33 (0)4 50 33 58 22

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 Fees

✔ Free admission to EMM exhibition

✔ EMM 2008 registration
☐ For 1 day with 20th evening dinner ........ x person(s) x 320 €TTC = ........................................
☐ Tuesday may 20th 2008 or ☐ Wednesday may 21st 2008
☐ For 2 days with 20th evening dinner........ x person(s) x 450 €TTC = ........................................

Discount for multiple registration -10%
Reduced fees for members* and University -20%

TOTAL = ........................................

✔ Reduced fees for joint registration EMM 2008 and Mecatronics 2008 from 20th to 23rd may 2008
☐ University ........................................ x person(s) x 580 €TTC = ........................................
☐ Industry ........................................ x person(s) x 830 €TTC = ........................................

Company stamp / Date / Signature

* Thésame, Arve Industrie, Artema
ARTEMA is the French mechatronic industry trade association dedicated to components and systems in sealing, hydraulic, pneumatic and mechanical transmissions, and bearings.

ARVE-INDUSTRIES is the competitiveness cluster dedicated to complex multi-technology assemblies, towards more added value. The Arve industries cluster reinforce the new generation of subcontractors within a structure of top-grade industries. The cluster anticipates changes and proposes global solutions for process, organization and products. Mechatronics is one of the top 3 R&D program.

CimeO, Cluster for Innovation in Mechatronics, is a tool for SMEs to develop mechatronics activities: project engineering, project management, technical and funding expertise, R&D, marketing and education.

MOV’EO is the competitiveness cluster dedicated to private cars & public transport. More than 70% of private and public R&D capacities in automotive and public transportation are concentrated in MOV’EO cluster.
Information
www.emm2008.eu

Acces map
"Espace Grand-Bo" - 74450 Le Grand-Bornand
Tel. +33 (0)4 50 02 78 37
www.espacegrandbo.com

How to come?
By car:
A41 motorway, exit n°17 “Annecy nord”
then follow “Thônes, Station des Aravis”.
By train:
Annecy TGV station 32 km away.
By plane:
Geneva International Airport 50 km away
Annecy Airport 34 km away (daily flights from Paris)
Lyon Saint-Exupery airport 160 km away
By coach:
Geneva / Annecy www.frossard.eu
Annecy / Grand Bornand www.voyages-crolard.com
ALPHA TAXI +33 (0)6 07 27 68 38

Accommodation
Office de Tourisme du Grand-Bornand - Delphine POCHAT - Réservation Groupes
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groupes@legrandbornand.com - www.legrandbornand.com

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Details on registration
An invoice will be sent to you on receipt of payment.
Price includes, in the registration period, the participation in conference and exhibition, CD-Rom (published and sent after the event) coffee breaks, lunch and the may 20th evening dinner.
In the event of cancellation less than 5 days prior to the start of the conference, all registration fees remain due.
In accordance with the French law "Informatique & Libertés" of january 7th, 1978, you have right of access to and modification of your data. Please contact Thesame.
EMM 2008 is an official event of the 150th anniversary of France Japan relations
www.fr.emb-japan.go.jp/150

EMM 2008 is organised in the scope of ROSAM-DIFF project, the Rhône-Alpes, Franche-Comté, French-speaking Switzerland network on technological spreading and partnering http://www.rosam.org/. ROSAM-DIFF is supported by Interreg IIIA with European Union and Switzerland financial support.

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