

International Organising Comitee (IOC)

General Chair

Kazuo Tsuchiya, Japan

Senior Advisors

Hiroshi Kimura, Japan
 Auke Jan Ijspeert, Switzerland
 Martin Buehler, Canada /USA
 Executive board of BioKoN II, Germany

Local Chair

Hartmut Witte, Germany

Contact



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Invited speakers

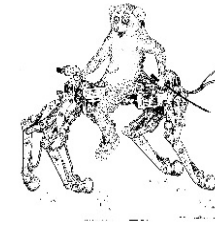
	External Guest	IOC Partners
Bio & Mechanics	R. Ritzmann	M.S. Fischer
Bio & Control	S. Grillner	A.J. Ijspeert
Robotics & Control	not confirmed	R. Dillmann
Robotics & Mechanics	not confirmed	M. Buehler



How to find us



History



1st International Symposium on Adaptive Motion in Animals and Machines (AMAM) took place in Montreal (Canada, 2000). During five days unforgettable to all 40 participants who took part, due to the help of Martin Buehler an improvised workshop in an University Club changed into a conference at McGill University.

3rd International Symposium on Adaptive Motion in Animals and Machines

Due to overwhelming response, already the 2nd International Symposium on Adaptive Motion in Animals and Machines was planned in Montreal to be held at Kyoto (Japan) in 2003.

Under the General Chair of Prof. K. Tsuchiya and the hospitable organisation of Prof. H. Kimura and his co-workers AMAM 2003 with some 90 participants successfully took place at Campus Plaza Kyoto.



3rd International Symposium on Adaptive Motion in Animals and Machines (AMAM 2005) shall make this sequence become a tradition under the scope outlined below. Essential for AMAM International Organizing Committee is to keep the workshop character of the conference ("Symposium" = we come together and we put our ideas together), even if the number of participants is increasing.

This means:

- Each participant should have the opportunity to take part in all activities. Consecutively no parallel sessions compete with each other.
- There has to be sufficient time to discuss posters substantially, and to exchange with the exhibitors of the robot zoo.

As a consequence, the overall flow of the conference covers nearly a whole week.

www.tu-ilmenau.de/amam

September 25th - 30th in Ilmenau, Germany

sponsored by



Topics

Some topics of particular interest to guide prospective contributors are:

- Visual Adaptation Mechanisms of Systems in Locomotion
- Sensory-Motor Coordination in Locomotion
- Neuro-Mechanics
- Locomotion of Animals
- Behaviour (Locomotion and Idiocomotion) of Mammals, esp. Primates, esp. Humans and Humanoids
- Embodied Intelligence in Locomotion
- Non-linear Dynamics in Locomotion
- Adaptive Mechanics
- Modeling and Analysis of Motion
- Prostheses, Ortheses and Rehabilitation
- Evolution of Adaptive Motion (Phylogenesis)
- Ontogenesis of Adaptive Motion (from Learning to De-learning, Development and Ageing)
- Technical Development of Mechanism and Control for Adaptive Motion

In this symposium, each role of skeleton (mechanism), muscle (actuator) and nervous (control) system in adaptive motion and relations between them will be discussed. Of course, the nervous system includes low level (generation and control at spinal cord), medium level (adaptation at cerebellum) and high level (adaptation at cerebrum) functions.

Accommodation

Some recommended hotels are offering special prices for AMAM participants. Please book your accommodation early quoting the keyword "AMAM2005". Additional accommodation can be found via www.ilmenau.de

For further details contact the Tourist Information of Ilmenau:

Tel.: +49 3677 202358

Fax: +49 3677 202502

Publication

1. Abstracts as a booklet in paper version, with ISBN
 2. DVD-ROM with full papers and materials, with ISBN, shared with IWK50-conference and IMEKO2005-conference.
- Both available at the beginning of the conference.

Venue



Time schedule

September 24 th – September 30 th , 2005						
Sat (24 th)	Sun (25 th)	Mon (26 th)	Tue (27 th)	Wed (28 th)	Thu (29 th)	Fri (30 th)
„Tag der Mechatronik und Robotik“ (Days of mechatronics and robotics)	AMAM 2005					
	Bio		BioKoN Day		Robotics	
	Mechanics	Control	Social Event	Control	Mechanics	

Social Event

The character of the social event hasn't been fixed yet. It depends on the number of participants registering till September. We try to keep it free of charge, but maybe there will be a small partial payment. You will get more information as soon as possible.

Banquet

The Symposium banquet will be on Thursday, 28th in the evening. Further information on www.tu-ilmenau.de/amam

Conference Fees

Conference fees will be administrated by Technische Universität Ilmenau, a public organisation subject to governmental rules.

Since early planning yields opportunities for everyone, we offer strongly progressive rates:

Registration for the whole conference

The fee for the whole conference includes

- registration
- abstract booklet & DVD-ROM proceedings
- refreshments
- the symposium banquet
- participation in the organised common tour

Category	Fee
o Early earl bird fee (until April 15 th)	250 €
o Earl bird fee (until July 31 st)	300 €
o Migratory bird fee (Aug. 1 st - Sept. 24 th)	350 €
o Late bird fee (Sept. 25 th - 30 th)	400 €

Single day registration

You also can take part in the conference for only one day. And of course you can take part in the accompanying programme, but than you have to pay an extra fee for it.

The single day fee includes

- registration
- abstract booklet & DVD-ROM proceedings
- Refreshments

Category	Fee
o Single day fee	100 €
o Single day fee BioKoN (Wed., Sept. 28 th)	50 €
o Symposium banquet (Thu., Sept. 29 th)	50 €
o Social event (Wed., Sept. 28 th)	50 €

Students pay half prices (confirmation of enrolment necessary).

Reduced fees for robot exhibitors:

If you show your robot devices to the public even on Saturday Sept. 24th, 2005, and Sunday Sept. 25th, 2005, in the exhibition "Tag der Mechatronik und Robotik" at the conference site, your fee will be reduced to 50 % of the nominal.

Deadlines

- o Submission of one-page abstracts **February 28th, 2005**
- o Notification of acceptance **April 30th, 2005**
- o Submission of full-length papers **June 15th, 2005**