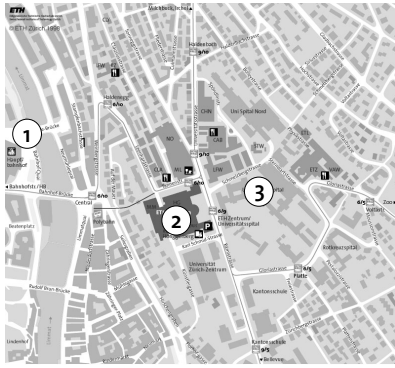


## Location:



1. Zurich Main Station
2. Conference Venue:  
ETH Zentrum  
Rämistrasse 101  
8092 Zürich
3. Location of Workshops  
& Tutorials:  
University Hospital  
Zurich  
Rämistrasse 100  
8091 Zürich

## Fees in CHF (EURO):

	Participants	ICOH - Members	Students
On or before June 30, 2004	930.- (€ 600.-)	840.- (€ 550.-)	450.- (€ 290.-)
On-site registration July 11-15, 2004	990.- (€ 650.-)	990.- (€ 650.-)	450.- (€ 290.-)

Tutorial / Workshop 1/2 days 200.- (€ 125.-)  
Tutorial / Workshop 1/1 days 300.- (€ 190.-)

Deadline for Tutorial/Workshop Registration is June 10, 2004

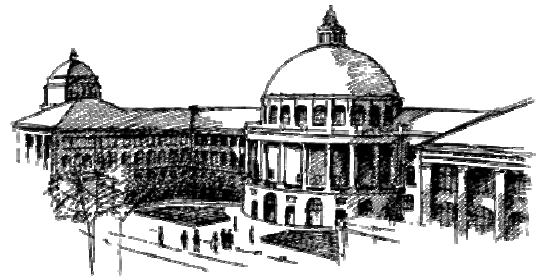
## Contact:

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8092 Zurich, Switzerland

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# Premus 2004

Fifth International Scientific Conference  
on  
Prevention of Workrelated  
Musculoskeletal Disorders



## Final Announcement

July 11-15, 2004  
ETH Zurich  
Zurich, Switzerland

<http://www.premus2004.ethz.ch>

## Invitation

You are cordially invited to participate in the 5<sup>th</sup> International Scientific Conference on Prevention of Workrelated Musculoskeletal Disorders. PREMUS 2004 will be held under the auspices of the Scientific Committee Musculoskeletal Disorders of the International Commission on Occupational Health (ICOH). The Conference will offer an excellent international platform to exchange knowledge and expertise in musculoskeletal research and practice. Moreover, the state-of-the-art concerning effective interventions aiming at the prevention of musculoskeletal disorders at work will be discussed. The Conference will bring together scientists, practitioners in occupational health and safety, ergonomists, industrial engineers and policy makers, and will foster exchange of ideas and expertise amongst each other.

The local organizing committee,

Thomas Läubli, MD  
Swiss Federal Institute of Technology, Zurich

Andreas Klipstein, MD  
University Hospital Zurich

## Understanding mechanisms - evidence based implementation

### Key-note lectures on aspects of work-related musculoskeletal disorders

- Muscle physiology (Prof. Dr. Lehmann-Horn, University Ulm, Germany)
- Motor control and motor learning (L. Rutz – LaPitz, PT. Rheingurg – Klinik, Switzerland)
- Pain mechanisms (Prof. Dr. S. Mense, University of Heidelberg, Germany)
- Case definitions (Profs F. Violante, University of Bologna & M. Hagberg, Sahlgrenska University Hospital, Sweden)
- Relations to stress (Prof. T. Theorell, Karolinska Institutet, Sweden)
- Management of disability (Dr. E. Schonstein, University of Sydney, Australia)
- Society's attitudes (Prof. B. Silverstein, Washington State Dept. of Labour & Industries, USA)
- Prevention in the business world (Prof. J. Dul, Rotterdam School of Management, The Netherlands)
- Construction industry (Prof. B. Hartmann, Bau-Berufsgenossenschaft Hamburg, Germany)



View from the centre of the Old Town to the Conference Venue

Picture: Vincent Tschertter

## Location

The Conference will be held at the main building of the Swiss Federal Institute of Technology Zurich. Zurich is Switzerland's largest city and major business center. It is located in the heart of Europe and is situated at the northern end of the lake of Zurich. The charming old city is clustered around the banks of the Limmat river. Zurich is easily accessible by plane, train and car. The airport at Zurich-Kloten is accessible by direct flight from many European, American and Asian cities. Most major European cities have good railway connection with Zurich. Zurich is a good starting point for holidays in the Alps. The Italian and the French coasts of the Mediterranean Sea are not far away either.

## The Program includes:

- 5 Pre-conference workshops and tutorials
- 12 Minisymposia
- 122 Oral presentations
- 72 Interactive poster presentations
- Additional poster presentations

# Preliminary Scientific Programme

**Sunday July 11, 2004**

**9:00-12:00**

<b>WORKSHOP # 1:</b> <i>Physical exposure assessment of hand activities</i>	<b>WORKSHOP # 2:</b> <i>Occupational health prevention of musculoskeletal disorders: The German experience</i>	<b>Workshop # 5 (Part I):</b> <i>Designing and running effective ergonomic intervention studies</i>
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**14:00-17:00**

<b>WORKSHOP # 3:</b> <i>A tutorial on surface electromyography</i>	<b>WORKSHOP # 4:</b> <i>Workshop on mechanisms of musculoskeletal disorders</i>	<b>WORKSHOP # 5 (Part II):</b> <i>Designing and running effective ergonomic intervention studies</i>
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**17:00**

WELCOME RECEPTION offered by the State and City of Zurich.  
WELCOME ADDRESS by Mr. Stadtrat Martin Vollenwyder, Government of the City of Zurich.

**Monday July 12, 2004**

**8:00**

Registration at ETH main building

**9:00-9:45**

**OPENING SESSION:**

WELCOME by the organising institutes and the local committee:  
Prof. J. Steurer and Prof. S. Gay (University Hospital Zurich)  
Prof. H. Krueger (Federal Institute of Technology, Zurich)  
Andreas Klipstein, Thomas Laeubli, Peter Schenk (local committee)

**9:45-10:30**

KEYNOTE by Barbara Silverstein: *Societies attitude towards prevention of WRMSD*

**10:30-11:00**

Coffee break

**11:00-12:30**

<b>MINISYMPOSIUM:</b> <i>Political and cultural responses to WRMSD in different countries</i>	<b>ORAL SESSION:</b> <i>Manual material handling</i>	<b>ORAL SESSION:</b> <i>Course and incidence of WRMSD</i>	<b>ORAL SESSION:</b> <i>Exposure evaluation by questionnaire</i>
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**12:30-13:45**

Lunch

**13:45-14:15**

<b>INTERACTIVE POSTER:</b> <i>Prevention and rehabilitation</i>	<b>INTERACTIVE POSTER:</b> <i>EMG</i>	<b>INTERACTIVE POSTER:</b> <i>Risks and correlates of WRMSD</i>	<b>INTERACTIVE POSTER:</b> <i>Exposure assessment</i>
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**14:30-16:00**

<b>KEYNOTES</b> Prof. F. Violante and Prof. M. Hagberg: <i>Case definitions</i> Prof. B. Hartmann <i>Prevention of WRMSD in construction industries</i>	<b>ORAL SESSION:</b> <i>Farming and general population</i>	<b>ORAL SESSION:</b> <i>Motor Control</i>
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**16:00-16:30**

Coffee break

**16:30-18:00**

<b>MINISYMPOSIUM:</b> <i>Case definition</i>	<b>ORAL SESSION:</b> <i>Vibration</i>	<b>ORAL SESSION:</b> <i>Correlates of WRMSD</i>	<b>MINISYMPOSIUM:</b> <i>ICOH SC construction: Prevention &amp; Intervention</i>
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**Tuesday July 13, 2004**

**9:00-10:30**

<b>MINISYMPOSIUM:</b> <i>The NEW project</i>	<b>ORAL SESSION:</b> <i>Functional assessment</i>	<b>ORAL SESSION:</b> <i>Upper limb disorders</i>	<b>ORAL SESSION:</b> <i>Carpal tunnel and nerve entrapment</i>
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**10:30-11:00**

Coffee break

**11:00-12:30**

**KEYNOTES**

Prof. S. Mense:  
*Integration of central and peripheral pain mechanisms in prevention*  
Prof. T. Theorell:  
*Prevention of WRMSD due to stress*

**12:30-13:45**

Lunch

**13:45-14:15**

<b>INTERACTIVE POSTER:</b> <i>Workplace intervention</i>	<b>INTERACTIVE POSTER:</b> <i>Diagnosis and characterisation of WRMSD</i>	<b>INTERACTIVE POSTER:</b> <i>Low back and arthrosis</i>	<b>INTERACTIVE POSTER:</b> <i>Health care</i>
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**14:30-16:00**

<b>MINISYMPOSIUM (PART I):</b> <i>Duration of computer use and MSD risk</i>	<b>ORAL SESSION:</b> <i>Low back pain and knee pain</i>	<b>MINISYMPOSIUM:</b> <i>LBP in schoolchildren</i>	<b>MINISYMPOSIUM (PART I):</b> <i>Return to work interventions</i>
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**16:00-16:30**

Coffee break

**16:30-18:00**

<b>MINISYMPOSIUM (PART II):</b> <i>Duration of computer use and MSD risk</i>	<b>ORAL SESSION:</b> <i>Intervention I</i>	<b>ORAL SESSION:</b> <i>Exposure assessment</i>	<b>MINISYMPOSIUM (PART II):</b> <i>Return to work interventions</i>
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**18:00-18:30**

POSTER EXHIBITION

**Wednesday July 14, 2004**

**9:00-10:30**

<b>ORAL SESSION:</b> <i>Surveillance and costs</i>	<b>ORAL SESSION:</b> <i>Intervention II</i>	<b>ORAL SESSION:</b> <i>EMG</i>	<b>ORAL SESSION:</b> <i>Rehabilitation in low back pain</i>
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**10:30-11:00**

Coffee break

**11:00-12:30**

**KEYNOTES**

Prof. F. Lehmann-Horn:  
*Neuromuscular system, joints and discs*  
L. Rutz-LaPitz, PT  
*Motor learning and motor control*

**12:30-13:45**

Lunch

**13:45-14:15**

<b>INTERACTIVE POSTER:</b> <i>WRMSD in the industry</i>	<b>INTERACTIVE POSTER:</b> <i>WRMSD and computer use</i>	<b>INTERACTIVE POSTER:</b> <i>Risk evaluation and prevention</i>	<b>INTERACTIVE POSTER:</b> <i>Dentists and scholars</i>
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**14:30-15:30**

<b>MINISYMPOSIUM (PART I):</b> <i>Methodological issues in prospective studies</i>	<b>MINISYMPOSIUM (PART I):</b> <i>Physical activity in the prevention of WRMSD</i>	<b>ORAL SESSION:</b> <i>Trapezius myalgia</i>	<b>MINISYMPOSIUM (PART I):</b> <i>Gender differences in the risk of WRMSD</i>
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**15:30-16:00**

Coffee break

**16:00-17:00**

<b>MINISYMPOSIUM (PART II):</b> <i>Methodological issues in prospective studies</i>	<b>MINISYMPOSIUM (PART II):</b> <i>Physical activity in the prevention of WRMSD</i>	<b>ORAL SESSION:</b> <i>Nurses and gender</i>	<b>MINISYMPOSIUM (PART II):</b> <i>Gender differences in the risk of WRMSD</i>
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**17:00-17:30**

POSTER EXHIBITION

**18:00**

**SOCIAL EVENING**

**Thursday July 15, 2004**

**9:00-10:30**

**KEYNOTE**

Dr. E. Schonstein:  
*Evidence based and integrative approaches in prevention and rehabilitation*  
Prof. Dr. J. Dul:  
*How can interventions on work-related musculoskeletal disorders successfully be integrated into the business world?*

**10:30-11:00**

Coffee break

**11:00-12:30**

<b>MINISYMPOSIUM:</b> <i>Load estimation</i>	<b>MINISYMPOSIUM:</b> <i>Hospital ergonomics</i>	<b>ORAL SESSION:</b> <i>Muscle tissue oxygenation</i>	<b>ORAL SESSION:</b> <i>Psychosocial factors in WRMSD</i>
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**13:00-14:00**

**CLOSING PLENARY SESSION**

*Closed meetings*      *Closed meetings*      *Closed meetings*

**Local committee**

Thomas Läubli, IHA ETHZ Zurich  
Andreas Klipstein, RUZ USZ Zurich

**International scientific committee**

Paulien Bongers, TNO Work and Employment, Netherland  
Peter Buckle, University of Surrey, United Kingdom  
Bernd Hartmann, Arbeitsmedizinischer Dienst der Bau- Berufsgenossenschaft, Germany  
Toru Itani, Nagoya City University Medical School, Nagoya City, Japan  
Laura Punnett, University of Massachusetts Lowell, Lowell, U.S.A.  
Hilikka Riihimäki, Finnish Institute of Occupational Health, Helsinki, Finland

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