

**IFAWC - The 4<sup>th</sup> International Forum on Applied Wearable  
Computing - 12-13 March 2007, Tel Aviv  
Conference Schedule**

**Day 1 – Monday 12<sup>th</sup> March 2007**

**08:00 – 08:30** Transport from hotel to IBM

**08:30 – 09:00** Registration and refreshments

**09:00 – 09:30** **Opening Session – Dr Edna Pasher**, Chair, Local Organizer, **Meir Nissensohn**, General Manager IBM Israel, **Dr Eli Opper**, Chief Scientist, Israel, **Prof Otthein Herzog**, TZI, Bremen/Germany, **Marchel Shaton**, General Manager National Coordinator – Israel Europe R&D Directorate (ISERD)

**09:30 – 10:15** **Key Note Speaker - Chandra Narayanaswami, Manager, Technologies for Next Generation Services IBM TJ Watson Research Center, US**

**10:15 – 10:30** Coffee break

**10:30 – 12:00** **Morning Session – Systems**

**wearIT@work - Towards Real Life Industrial Applications**

Mike Lawo, Michael Boronowsky, Otthein Herzog, Peter Knackfus

**Developing Applications for Wearable Computers: A Process Driven Example**

Ernesto Morales Kluge, Hendrik Witt

**Security Challenges for Wearable Computing**

John Lindström

**12:00 - 13:00** Lunch

**13:00 – 14:30** **Afternoon Session I – User Adaptation**

**A Wearable Computing Prototype for Supporting Training Activities in Automotive Production**

Pierre Kirisci, Iñaki Maurtua, Thomas Stiefmeier, Marco Sbodio, Hendrik Witt

**A Comprehensive Human Factors Analysis of Wearable Computers**

**Supporting a Hospital Ward Round**

Victoria Carlsson, Tobias Klug, Thomas Ziegert, Andreas Zinnen, Maya Levin-Sagi, Edna Pasher

**Managing Context Rules in Mobile Devices**

Waltenegus Dargie

**14:30 – 14:45** Coffee break

**14:45 – 16:15** **Afternoon Session II – Localization**

**RF-Based Location System in Harsh Environment**

Widyawan Widyawan, Martin Klepal, Dirk Pesch

**Progress in WearIT@Work Positioning**

Stéphane Beauregard, Martin Klepal, Widyawan Widyawan, David López-Pérez

**Optimizing Indoor PDR Performance with Self-deployed Position Markers**

Holger Kenn

**16:15 – 16:30** Coffee break

**16:30 – 17:00** **Human Motion Capturing System**

Xsens Technologies B.V.

**17:00** **Poster Session**

**The Application of Wearable Computers for Providing Situational Awareness in a Multi-robot Environment**

Victor Boskovitz, Alex Pertsev, Hugo Guterman

**MyBag**

Michal Bril

**19:00** **Social Event followed by dinner in the Old City of Jaffa**



## Day 2 – Tuesday 13<sup>th</sup> March 2007

- 08:00 – 08:30** Transport from hotel to IBM
- 08:30 – 09:00** Registration and refreshments
- 09:00 – 09:45** Opening Session - Itzik Ben Israel, Tel Aviv University, Israel  
Security Driven Innovation in Israel
- 09:45 – 10:30** Key Note Speaker - Harmke de Groot, Lead Program Manager of the  
European Microsoft Innovation Centre
- 10:30 – 10:45** Coffee break
- 10:45 – 12:15** Morning Session – Evaluation
- Electrical Properties of Metal Coated Polyamide Yarns**  
Christof Breckenfelder, Christian Dils, Hans Werner Seliger
- Physical Environment Games Supported by Wearable Platforms**  
Erik Koch, Zhendong Chen, Petja Möller
- Evaluating Wearable User Interfaces: How to Simulate a Primary Manual Task?**  
Hendrik Witt
- 12:15 – 13:15** Lunch
- 13:15 – 14:45** Afternoon session – User Interface
- Next Generation In-game Message Interfaces**  
Tobias Fritsch, Jochen Schiller, Benjamin Voigt
- A Model-based Approach for Designing Physical User Interfaces for  
Industrial Environments**  
Pierre Kirisci, Klaus-Dieter Thoben
- A Glove-based Gesture Interface for Wearable Computing Applications**  
Holger Kenn
- 14:45** Closing Session



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