

Innovation and Entrepreneurship in Robotics & Automation (IERA'08)



Wednesday, 11th June 2008
International Congress Centre Munich
ICM Auditorium, Room 1, Munich, Germany
<http://www.ieee-ras.org/industrial/iera.php>



Scope

The IERA'08 Forum aims at promoting innovation and entrepreneurship, as well as synergy between academia and industry, in the robotics and automation community. This year it is being held in conjunction with "Robotik 2008" – Germany's largest robotics conference – June 11-12, 2008 and "Automatica 2008" – International Trade Fair for Automation – Assembly, Robotics, Vision – June 10-13, 2008. IERA'08 is organized by both the International Federation of Robotics (IFR) and the IEEE Robotics & Automation Society (IEEE-RAS) and consists of:

- IEEE-IFR Invention & Entrepreneurship Award in Robotics and Automation Plenary Lectures
- Innovation and Entrepreneurship Workshop with two invited talks
- IEEE-IFR Invention & Entrepreneurship Award Ceremony

Agenda

12:45	Registration and lunch buffet
13:30	Welcome and Introduction by IERA'08 Forum General Chairs Mr. Stefan Müller, IFR President, and Dr. Alex Zelinsky, VP IEEE Industrial Activities
13:45	Innovation and Entrepreneurship Workshop on Technology Transfer: From Inventions to Successful Products
13:45	The importance of close collaboration between academia and industry – Successful examples from recent years and future challenges. <i>Dr. Bruno Siciliano, IEEE-RAS President, Professor of Control and Robotics PRISMA Lab, Dipartimento di Informatica e Sistemistica, Università di Napoli Federico II</i>
14:15	The Future of Personal Robotics. <i>Dr.ir. A.J.N. (Albert) van Breemen, Technology & Innovation Consultant, founder of www.PersonalRobotics.nl</i>
14:45	IEEE/IFR Invention & Entrepreneurship Award Plenary Lectures (5 finalists will give lectures about their break-through innovations and business cases)
14:45	The Kiva Mobile Fulfillment System. <i>Peter Wurman (Eng. Fellow, Kiva Systems, Woburn, USA), Mick Mountz (CEO, Kiva Systems), Raffaello D'Andrea (Professor, ETH Zurich; Eng. Fellow, Kiva Systems)</i>
15:05	MINEGEM™ – an autonomous underground loader. <i>Elliot Duff (Senior Research Scientist, CSIRO ICT Centre, Kenmore, QLD, Australia)</i>
15:25	Coffee Break
15:45	Scape Bin-Picker. <i>Rune Klausen Larsen (CEO, Scape Technologies A/S, Odense C, Denmark), Ivar Balslev (Development manager, Scape Technologies A/S, Odense C, Denmark)</i>
16:05	Assembly 21: innovative system and assembly concept for rear axle assembly for the new C-Class with cooperating robot teams. <i>Dr. Michael Zürn (Head of Forming, Joining and Assembly Technology, Mercedes-Benz Cars, Stuttgart, Germany), Thomas Brandstetter (Head of Power Train Production Planning Center), Dr. Dieter Steegmüller (Head of Production and Materials Application Technology)</i>
16:25	The Adept Quattro s650 Robot. <i>Joachim Melis (Vice President, Worldwide Sales, Adept Technology, Inc.), Matt Bjork (Quattro Program Manager, Adept Technology Inc., Livermore, CA, USA)</i>
16:45	Panel / Final questions & answers and wrap up of the IERA 2008 Forum Stefan Mueller and Alex Zelinsky
17:15	IERA participants may join the Poster Session of Robotik 2008. Awards Committee convenes and decides about the IERA 2008 winner.
18:00	Dinner together with Robotik 2008 conference participants including - IERA 2008 Award Ceremony - Robotik 2008 Invited Dinner Talk: Prof. Tianmiao Wang, Robotics Institute, Beihang University, Beijing, China
21:00	End of Dinner

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