The prospects of Artificial Intelligence

A workshop about the most recent research in Artificial Intelligence and its prospects
February 8, 2016
8.30 - 17.00

VÄSTERÅS SCIENCE PARK

TECHNION - SWEDEN
SWEDISH TECHNION SOCIETY
Invitation to the seminar "The prospects of Artificial Intelligence" February 8, 2016

A workshop about the most recent research in Artificial Intelligence, February 8, 2016, 8.30 - 17.00.
Organizers: Swedish Technion Society and Västerås Science Park

8.30 Word of welcome
Stefan Sturesson, Chairman Swedish Technion Society

8.40 Presentation of Västerås Science Park, CEO Caroline Drabe

8.50 Explicit semantic analysis: Wikipedia-based semantics for natural language processing
Prof. Shaul Markovitch, faculty member of the Computer Science Department, Technion.

9.50 Coffee break

10.05 Perception and action in natural and artificial agents
Prof. Ron Meir, faculty member of the department of Electrical Engineering, Technion.

11.05 Intelligent future technologies
Prof. Peter Funk, Professor in Computer Science and Artificial Intelligence at Mälardalen University.

11.50 Safety critical embedded processing hardware enabling artificial intelligence algorithms for autonomous robotics
Prof. Fredrik Bruhn, Adj Professor in Robotics and Avionics at Mälardalen University. CEO at Unibap AB.

12.35 Lunch

13.35 Cognitive robotics on the factory floor
Prof. Erez Karpas, Faculty of Industrial Engineering, Technion,

14.30 Fault Detection and Diagnosis using Statistical Machine Learning and Case-Based Reasoning
PhD Tomas Olsson, researcher at Swedish ICT

15.20 Coffee break

15.35 Smart assembly robot with advanced functionalities
Mikael Hedelind, Senior scientist, ABB Corporate Research

16.25 Artificial Intelligence in the future. Summary, questions, conclusions
All the speakers.
Briefly about Technion

Technion - Israel Institute of Technology in Haifa, is one of the leading universities of technology in the world. It has been ranked as the 6th university worldwide for innovation and entrepreneurship. The last ten years, three Technion researchers have been rewarded with the Nobel Prize. A great deal of the research of the university is dedicated to computer science. Big nations as USA and China are today very interested to collaborate with Technion and are building Technion institutes in their own countries (in New York and Guang Dong). Other countries have close research collaboration with Technion.

How to apply

Welcome to the Seminar "The prospects of Artificial Intelligence". This is a great opportunity to meet and to listen to some of the most eminent and interesting researchers today within the field of Artificial Intelligence. Three of our speakers come from the famous Technion - Israel Institute of Technology in Haifa. Please see below information for applying to the seminar.

How to apply
Apply by sending mail to: stefan@sirgruppen.se (mobile 0734-369450). We need to know name, profession and your contact information.
The workshop, including lunch and coffee in the breaks, costs SEK 250. There are two ways to pay for the seminar:
1. In advance to the Swedish Technion Society,
   plusgiro 34 31 27-7 (tell us if you need an invoice)
2. In cash at the entrance.
Last day for application is January 26. Later registrations to the workshop itself can be accepted as long as there are free seats available.

Where to go
The seminar will take place in Västerås at Exspectrum, Västerås Science Park. In the same building is First Hotel Plaza where we have reserved rooms for those in need of accommodation. The address to Exспектrum is: Kopparbergsvägen 10 (near the Central station). Please come in time, which means 10-15 minutes before the seminar starts.
Stort tack
till våra bidragsgivare och sponsorer som möjliggjort det här seminariet:

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