



Ijspeert lab filming for BBC

The [Ijspeert lab](#) have developed two newer versions of field ready camera equipped sprawling posture robots. The purpose of these crocodile-like and monitor lizard-like robots is to approach and film a nest of real crocodiles in the banks... [Read more](#)



Transition of Co-Leadership in Rescue Robotics Grand Challenge

Due to new responsibilities in [NCCR dfab](#) Jonas Buchli is stepping down as co-leader of the [RR-GC](#) and continuing as a PI. He is replaced by Davide Scaramuzza. We take this opportunity to thank Jonas for his very valuable input and contributions.



New NCCR Robotics EPFL facilities

The new new Mechanical Engineering (ME) building at EPFL regroups various NCCR Robotics labs including the Mangement team. The new open spaces in the building promote exchange between NCCR Robotics members. [Read more](#)



Marco Hutter receives euRobotics 2nd TechTransfer Award

The euRobotics 2nd TechTransfer Award: "From legged robots to walking excavators – active balancing of an all-terrain chassis" was granted to Marco Hutter, ETH Zurich, [Read more](#)



Christian Forster PhD defense

Christian ([Scaramuzza lab](#)) successfully presented his PhD defence, "Visual Inertial Odometry and Active Dense Reconstruction for Mobile Robots" and graduated with Summa Cum Laude. He is now working for the [Eye project at Wyss Zurich](#).



Spin Fund: call open on monthly basis

Get one year's salary to develop your technology and business model into a real start-up. The Robotics Spin Fund targets PhD students, Master's students and senior researchers... [Read more](#)



Cyathlon Symposium Call for abstracts

[Call for abstracts](#) for the Cyathlon Scientific Symposium (Zurich, 6th October, 2 days before the main [Cyathlon](#) event). Submission deadline: April 30th 2016. [Read more](#)



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- [Calls: Spin Fund Application / Cyathlon Symposium / DLMC Workshop](#)
- [We will be at: Cambridge Science Festival / Rescue Robotics Grand Challenge Field Tests / Hannover Messe / AUTOMATICA](#)
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- [Meet The People from Hutter lab \(RSL, ETH Zurich\)](#)

ROBOTICS WORLD

Top News

- [Robots that may help you in your silver age](#)
- [NAO Next Gen now available for a wider audience](#)
- [AI, deep learning and 3D printing produce "The Next Rembrandt"](#)
- [How do self-driving cars work?](#)
- [Where should robots go when they retire?](#)

World events

- [Cambridge Science Festival 15-24 April](#)
- [Data-Efficient Learning in Autonomous Robots 22 April](#)
- [Hannover Messe 25-29 April](#)
- [Soft Robotics Week 25-30 April](#)
- [ICARSC 4-6 May](#)
- [Journée technique "Soudage Robotisé" 10 May](#)
- [Innorobo 24-26 May](#)
- [RAID 31 May](#)
- [Summer School on Field Robotics 20-24 June](#)
- [Automatica 21-24 June](#)

External calls

- [DRONE BERLIN](#)
- [FTC 2016](#)

Workshop on Dynamic Locomotion and Manipulation: Call for abstracts

Extended abstracts are now being accepted for DLMC-2016 Deadline: 7th May 2016. [Read more](#)



WE WILL BE AT:

Cambridge Science Festival

15 - 24 April 2016

Cambridge, MA and New England

[Read more](#)

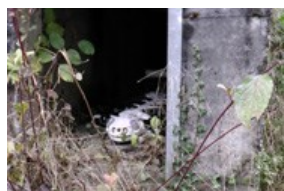


Rescue Robotics Grand Challenge Field Tests

27 April 2016

Geneva-Epeisses

[Read more](#)



Hannover Messe

25-29 April 2016

Germany

[Read more](#)



AUTOMATICA

21 - 24 June 2016

Germany

[Read more](#)



NCCR PRESS COVERAGE

Special Robots supplement

The national newspaper *Le Matin Dimanche* of 17th April published a special 13 page supplement on Robots which the NCCR Robotics collaborated in. [Read more](#)



More [press coverage](#) available through [NCCR Robotics website](#)

NEW VIDEOS

Why is ETH Zürich organising the Cybathlon?



From exoskeletons and power wheelchairs



GUESS WHO?

Can you guess who this NCCR professor is?

Throughout his life this professor has enjoyed manual work and building things. He used to spend his holidays during school and study time working as a construction worker, carpenter or assembly worker.

[Read more](#)



[Interaction: Shared Autonomy and Collaborative Robotics \(RSS 2016 Workshop\)](#)

[Kickstart your business idea in Switzerland](#)

[MFI](#)

[Planning for Human-Robot](#)

[Robotics and Automation for Humanitarian Applications \(RAHA\) 2016](#)

[Robot Makers: The future of digital rapid design and fabrication of robots \(RoMa 2016\)](#)

[Soft Robotics Competition](#)

[Summer School on Field Robotics](#)

[Swisscom StartUp Challenge](#)

[Workshop on Dynamic Locomotion and Manipulation \(DLMC\)](#)

External positions

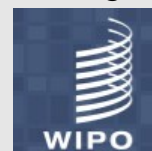
[PhD Position in Biomedical computer vision and signal processing \(MHSL-ETH Zurich\)](#)

[PostDoc Position in implantable electronics for closed-loop gait tracking \(MHSL-ETH Zurich\)](#)

[Computer vision programmer / researcher \(capsen Robotics\)](#)

[Professor of Computer Science \(Loughborough University\)](#)

Interesting link



The [World Intellectual Property Organization](#) have recently published a report on:

[Breakthrough technologies - Robotics, innovation and intellectual property](#)

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Robotic Systems Lab - RSL, ETH Zurich)

The [Hutter lab](#) (Robotic Systems Lab), headed by Marco Hutter at ETH Zurich, designs machines, creates actuation principles and builds up control technologies for autonomous operation in challenging environments.



Dario Bellicoso

Dario is a PhD student at ETH Zurich and studies control algorithms for multibody systems. His research focuses on planning and control of a quadrupedal robot in challenging environments.



Jemin Hwangbo

Jemin is a PhD student at ETH Zurich studying design and control of legged robotic systems. His research focuses on energy efficiency of dynamic gaits, high speed galloping and gait generation using reinforcement learning.



SELECTED NCCR PUBLICATIONS *

J. M. Florez, M. Shah, E. M. Moraud, S. Wurth, L. Baud, J. Von Zitzewitz, R. van den Brand, S. Micera, G. Courtine and J. Paik, "Rehabilitative Soft Exoskeleton for Rodents", *Transactions on Neural Systems and Rehabilitation Engineering*, No. 99, September 2015 [10.1109/TNSRE.2016.2535352](#)

*Selected publications include publications which have been made known to the [editor](#). All members are kindly encouraged to inform the management team of new publications.

NCCR Robotics

[The Swiss National Center of Competence in Robotics](#) (NCCR Robotics) is a federally funded programme bringing together robotics laboratories from EPFL, ETH Zurich, University of Zurich and University of Lugano to work on wearable, rescue and educational robots.

