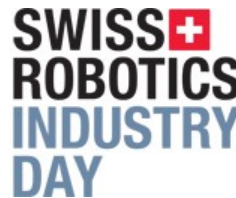




Swiss Robotics Industry Day

The second [Swiss Robotics Industry Day](#), organised by NCCR Robotics on 2nd November 2016 at the Swiss Tech Convention Center, Lausanne, will showcase cutting edge robotics research from the 20 professorships in NCCR Robotics, SMEs and the Swiss Robotics ecosystem. The Day is a vital opportunity for industry in fields that use robotics to network with potential partners, talents and collaborators as well as offering privileged access to new and emerging technologies.



6th NCCR Robotics Spin Fund

Congratulations to Fabian Günther who has won a Spin Fund for the ANYbotics robust, controllable robot joint. He will be hosted by [Hutter lab](#) (ETH Zurich).



A unique competition takes off

ETH Zurich issued a press release with photos and videos taken on the day of the event. We would like to thank everyone who turned up to our event or watched online, it was a resounding success. [Read more.](#)

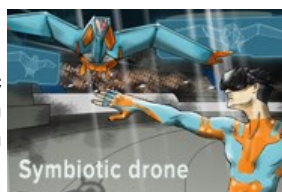
EPFL Brain Tweaksters take gold!

Congratulations to NCCR Robotics team the Brain Tweaksters who took gold in the BCI race! [Watch their competition](#) again and read the detailed [article on their race](#). Special congratulations also to [Varleg](#) who came fifth in the powered exoskeleton race.



Symbiotic Drone @ Cybathlon

During the Cybathlon, a team from the Symbiotic Drone Project took their prototype to test with members of the general public. We caught up with some participants to see what they thought:



"Huge fun to try and surprisingly easy after a little practice. The team explained everything really well, and the jacket was more comfortable than I expected. Flying through the buildings takes a lot of concentration. Can I have another go please?"

"Wow! Flying over EPFL as free as a bird! The symbiotic drone was great fun and really engaging."

"As a spectator I found it quite exciting watching and hoping my son in law would crash! (but not too often) - there were a lot of people watching along on the screen, it seemed to be a good spectator sport, but lots of people wished they had also booked a slot"

Media Coverage of Cybathlon

The Cybathlon was livestreamed across Swiss TV on SRF and 3Sat - you can watch their highlights along



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ROBOTICS WORLD

Top News

[25 women in robotics you need to know about - 2016](#)

[The new Westworld: Humanizing the un-human, or dehumanizing humankind?](#)

[It's not only engineers who work in robotics](#)

[White House releases reports focusing on opportunities and challenges of AI](#)

[Meet RoboGabby: She's on a mission to teach more girls about robotics](#)

World events

[Petrobot \(25 Oct\)](#)

[Forum de l'innovation Suisse - France dans l'économie des seniors \(29 Oct\)](#)

[Robotics Expo \(04-06 Nov\)](#)

[DARS \(7-9 Nov\)](#)

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[Salon service à la personne \(15-17 Nov\)](#)

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[GCC Manufacturing Excellence & Technology Summit \(14-15 Nov\)](#)

[Robotics Expo \(20-22 Nov\)](#)

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[AREX \(23-24 Nov\)](#)

External calls

[Robotic Online Short Film Festival](#)

[HRI 2017 late breaking reports, demonstrations and videos](#)

[Paper submission RSJ](#)

[Create your own Summer/Winter School 2017 \(ETH Zurich\)](#)

External positions

[Four Tenure-Track Positions in Synthetic and Systems Biology, Robot Locomotion, Tissue Engineering and Multidisciplinary Approach to Biosystems Investigation \(iit\)](#)

SRF and 3Sat - you can watch their highlights, along with some focus clips on NCCR Robotics labs on their website. You can also find more media coverage on the [Cybathlon](#) website.



BBC Click



NZZ



Le Temps



France24



ITV



Engadget



[Robotics Engineer \(PAL\)](#)

[Full Time Tenure Stream - Assistant Professor \(York University\)](#)

[Tenure Track Position in Robot Locomotion \(iit\)](#)

[Faculty Position in Mechanical Systems \(EPFL\)](#)

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WE WILL BE AT:

SSRR - 2016

23 - 27 October 2016

EPFL, Lausanne

[Read more](#)

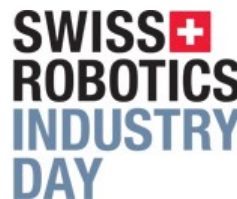


Swiss Robotics Industry Day

02 November 2016

STCC, Lausanne

[Read more](#)



IMPRESSUM

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SELECTED NCCR ROBOTICS PUBLICATIONS *

C. Brandli, J. Strubel, S. Keller, D. Scaramuzza and T. Delbruck "ELiSeD – An Event-Based Line Segment Detector", *In International Conference on Event-Based Control, Communication and Signal Processing (EBCCSP)*, Krakow, 2016.

J. Delmerico, A. Giusti, E. Mueggler, L. M. Gambardella and D. Scaramuzza, "On-the-spot Training" for Terrain Classification in Autonomous Air-Ground Collaborative Teams", *In International Symposium on Experimental Robotics (ISER)*, Tokyo, Japan, 2016.

L. Dufour, K. Owen, S. Mintchev and D. Floreano, "A Drone with Insect-Inspired Folding Wings," *In 2016 IEEE/RSJ International Conference on Intelligent Robots and Systems, IROS*, Daejeon, Korea, 2016.

B. Kueng, E. Mueggler, G. Gallego and D. Scaramuzza "Low-Latency Visual Odometry using Event-based Feature Tracks," *In IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)*, Daejeon, 2016.

K. Lee, D. Liu, L. Perroud, R. Chavarriaga and J. d. R. Millán, "A Brain-Controlled Exoskeleton with Cascaded Event-Related Desynchronization Classifiers," *Robotics and Autonomous Systems*, 2016 (accepted).

S. Mintchev and D. Floreano, "Adaptive Morphology: A Design Principle for Multimodal and Multifunctional Robots," *IEEE Robotics & Automation Magazine*, vol. 23, num. 3, p. 42-54, 2016.

H. Rebecq, G. Gallego and D. Scaramuzza, "EMVS: Event-based Multi-View Stereo," *In British Machine Vision Conference (BMVC)*, York, UK, 2016.

M. A. Robertson, H. Sadeghi, J. M. Florez and J. Paik. "Soft Pneumatic Actuator Fascicles for High Force and Reliability," *Soft Robotics*, 2016 (accepted).

D. Tedaldi, G. Gallego, E. Mueggler and D. Scaramuzza "Feature Detection and Tracking with the Dynamic and Active-pixel Vision Sensor (DAVIS)" *In International Conference on Event-Based Control, Communication and Signal Processing (EBCCSP)*, Krakow, 2016.

*Selected publications include publications which have been made known to the editor. All members are kindly

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 Centre 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.



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