

LATEST NCCR NEWS

CYBATHLON@School project

NCCR Robotics will support the CYBATHLON@School program offering teachers different learning modules for students about the challenges faced by people with physical disabilities in daily life.... [Read more](#)



NCCR Robotics teaser in IEEE

Our recently launched [NCCR Robotics teaser](#), in which we present part of our activities, appeared last month on the [IEEE Video Friday](#). We invite our readers to watch the video!



Openclassrooms using Thymio

The French initiative Openclassrooms has been using the Thymio robot to introduce robotics to beginners, especially to younger audiences. [Read more](#) (FR). Read [English version](#)



CONGRATULATIONS

ZKB Pionierpreis finalist

NCCR Robotics Spin-off MyoSwiss was selected as a finalist in the 2018 ZKB Pionierpreis. [Read more](#) (DE) [English translation](#)



Venture Leaders China

NCCR Robotics Spin-off Foldaway has been selected amongst the 10 high growth Swiss startups who will fly to China for a 10-day roadshow for business meetings... [Read more](#)



2018 Yahoo Sports Technology Awards

Cyathlon recently won the Best Participation Technology category in this year's Yahoo Sports Technology Awards. [Read more](#)



NCCR ROBOTICS CALLS

BRIDGE- Proof of Concept

Young researchers who want to apply their research results and realize an innovative product or service can submit their project proposal. [Submission deadline 4th June](#).



CoRL call for Papers

Aude Billard is General Chair of the Organizing Committee of the 2018 Conference on Robot Learning. CoRL focuses on the intersection of robotics and machine learning. Paper [submission deadline 15th June](#).



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Open Positions: Floreano lab,
We will be at...
Press coverage
New videos
Selected Publications

ROBOTICS WORLD

Top News

[Robot transitions from soft to rigid](#)
[Insight into a development process: The robotic fabrication of concrete facade Mullions with smart dynamic casting](#)
[Robots in Depth with Linda Thayer](#)
[Self-driving cars for country roads](#)
[Robots in Depth with Frank Tobe](#)

World events

[ICRA](#) (21-25 May)
[AUVSI Intelligent Ground Vehicles Competition](#) (1-4 June)
[European NeuroConvention](#) (6-7 June)
[CES ASIA](#) (13-15 June)
[Robotics and AI Summit: Advancing Manufacturing Competitiveness](#) (18-19 June)
[Autonomous Machines World](#) (24-26 June)
[ICAPS](#) (24-29 June)

External calls

[Swisscom StartUp Challenge 2018](#) (D/L 21 May)
[Summer School on Control of Surgical Robots \(COSUR\) 2018](#) (D/L 22 May)
[International Conference on Information and Automation](#) (D/L 31 May)
[CoRL](#) (D/L 15 June)
[The Second Smart UAV Intelligence Technical](#)

CYBATHLON 2020 Team Registration is open!

CYBATHLON 2020 (2–3 May, Zurich) Team registration has started. Read more if you are interested in building a team and competing in one of the 6 disciplines. [Read more](#)



NCCR ROBOTICS OPEN POSITIONS

Floreato lab - Postdoc position

[Floreato lab](#) (EPFL) invites applications for a postdoctoral fellowship in aerial robotics. The laboratory has made pioneering contributions to perception, control, and design of award-winning drones that resulted in... [Read more](#)



2018 EVENT UPDATE - WE WILL BE AT:

ICRA

21-25 May 2018

Australia

[Read more](#)



Distinguished Seminar in Robotics, Systems & Control

01 June 2018

ETH Zurich

[Read more](#)

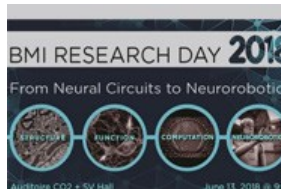


BMI Research Day

13 June 2018

EPFL

[Read more](#)



EPFL Drone Days

31 July - 02 August 2018

EPFL

[Read more](#)

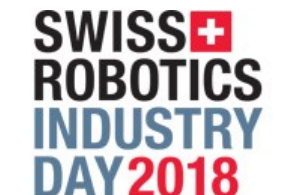


Swiss Robotics Industry Day

01 November 2018

STCC

[Read more](#)



PRESS COVERAGE

FlyJacket Lets You Control a Drone With Your Body

EPFL's FlyJacket exosuit allows you to embody a fixed-wing drone, making it feel like you're flying... [Read more](#)



Keine Angst vor Robotern

ETH-Professor Roland Siegwart zählt zu den



[Intensifying Technical Competition](#) (D/L 15 June)

[IoT Solutions Awards](#) (D/L 09 July)

[Special issue on Recent trends in flocking control and communication for Unmanned vehicles](#) (D/L 06 Aug)

[Bioinspired and Evolutionary Computation Approaches towards Coping with Complexity in Human Machine Interaction](#) (D/L 14 Sept)

[Advanced Materials 2018](#) (D/L 15 Sept)

[esa Business Incubation Centres - Switzerland](#) (D/L 28 Oct)

Equal Opportunities corner

[Women in Robotics IV - Robotics: Science & Systems](#)

Start-up corner

Please find following links related to start-up support. If you would like to promote your events through our channel, please contact us at nccr-robotics@epfl.ch

[Robot Union, the pan-European Robotics Accelerator](#)

[Is your startup good enough for the TOP 100? Prove it and apply now!](#)

[esa Business Incubation Centres - Switzerland](#)

External positions

[Research Associate in Intelligent Robotic Systems](#) (University College London)

[Postdoctoral Research Assistant x2 positions](#) (Oxford Brookes University)

[Postdoctoral Fellow in Robotics](#) (CSIRO)

[Open Position: Full Professorship "Autonomous Systems"](#) (Universität Stuttgart)

[2 Doctoral students in Machine Learning and AI for Robotics](#) (Lunds Universitet)

Interesting links

[OAPEN-CH: More visibility for books thanks to open access](#)

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führenden Robotikexperten der Welt. Er ist überzeugt: So rasch werden uns die Maschinen... [Read more](#) or [English Translation](#)

«Einstein» bei den Robotern

Wie intelligente Maschinen unser Leben verändern. Die Forschung um künstliche Intelligenz boomt und führt zu immer... [Read more](#) or [English Translation](#)



Tesla's problem: overestimating automation, underestimating humans

Tesla was hoping to produce 5,000 new Model 3 electric cars each week in 2018. [Read more](#)

Controlled naturally

The spinal cord is a miracle of nature, and it is a long way from being fully understood. At the Swiss Federal Institute of Technology in Lausanne, a team is building... [Read more](#)

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

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IMPRESSUM

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NCCR Robotics Management Team

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NEW VIDEOS

NCCR Robotics activities 2018 - teaser



ANYmal – Let Robots Go Anywhere



Fotokite (Drones & Aerial Robotics Conference)



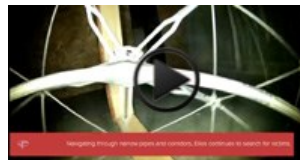
A little fold-up joystick brings haptics to portable devices



FlyJacket: An Upper Body Soft Exoskeleton for Immersive Drone Control



Flyability Elios: Tactical UAV for Public Safety and Law Enforcement



SELECTED NCCR ROBOTICS PUBLICATIONS *

J.L. Huang, Z. Zhakypov, H. Sonar, J. Paik, "A reconfigurable interactive interface for controlling robotic origami in virtual environments" The International Journal of Robotics Research, May 2018.

J. Paik, "Soft robot design methodology for 'push-button' manufacturing" Nature Reviews Materials, 2018.

H. Sonar, M. C.-S. Yuen, R. Kramer-Bottiglio, J. Paik, "An Any-Resolution Distributed Pressure Localization Scheme Using a Capacitive Soft Sensor Skin" IEEE RAS International Conference on Soft Robotics (RoboSoft), 2018.

*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 Center. 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](#), [IDSIA](#) and [UNIBE](#) to work on wearable, rescue and educational robots.

Leading House



Co-leading House



Universität
Zürich



SWISS NATIONAL SCIENCE FOUNDATION

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