

LATEST NCCR NEWS

New NCCR Robotics Spin Fund

The NCCR Robotics Spin Fund committee has granted Jaime E. Duarte and Kai Schmidt the Spin Fund for [ExoSuisse](#). This project is hosted by [Riener Lab](#) at ETHZ.



New NCCR Robotics Spin Fund

The NCCR Robotics Spin Fund committee has granted Marek Jancik and Tristan Vouga the Spin Fund for [Twice](#). This project is hosted by [Bleuler Lab](#) at EPFL.



Release of The Zurich Urban Micro Aerial Vehicle Dataset

[Scaramuzza Lab](#) presents the world's first dataset recorded on-board a camera equipped Micro Aerial Vehicle (MAV) flying within urban streets at low altitudes... [Read more](#)



Meet the Ijspeert Lab

Welcome to the new Lab videos section where we introduce the NCCR Robotics lab, PI, NCCR Robotics members and their work. On this occasion we present [Ijspeert Lab](#).



CONGRATULATIONS

HFSP Awards - Research Grants

Auke Ijspeert was listed as one of the winners of the 2017 awards for Research Grants (Program Grants) from the Human Frontier Science Program (HFSP). [Read more](#)



First prize for Best PhD Presentation at CRPP rehab

Fabian Just, ([Riener Lab](#), ETHZ), was awarded the first prize for Best PhD Presentation at [CRPP rehab](#) for his work on fusing robot-based and conventional therapy for the arm.



Top 5 most promising inventions

The [Myosuit](#) from NCCR Robotics spin-off [ExoSuisse](#) was in the [ETH Spark awards](#) as one of the top-5 most promising inventions which filed for a patent at ETHZ in 2016. [Read more](#)



Flyability finalists in the Swiss Economic Awards 2017

NCCR Robotics spin-off, [Flyability](#) was selected as part of the top 18 companies for the [Swiss Economic Award](#).



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Release of The Zurich Urban Micro Aerial Vehicle Dataset

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NCCR Robotics Calls: Summerschool in robotics and artificial intelligence; ICRA Workshop on Event-based Vision; RSS Workshop: Challenges in Dynamic Legged Locomotion

We will be at

Press Coverage

New Videos

New Members

Selected Publications

ROBOTICS WORLD

Top News

[The robot industry is hiring. Do you have the skills?](#)

[ROS robotics projects](#)

[The legal issues of robotics](#)

[Billion \\$dollar acquisitions continue: ABB acquires B&R](#)

[NAO Next Gen now available for a wider audience](#)

World events

[Smart Regions with Smart Robots: a winning formula](#) (10 May)

[C-AR2017](#) (16-17 May)

[Innorobo](#) (16-18 May)

[ICRA](#) (29 May-03 June)

External calls

[Advanced Materials 2017](#)

[Advanced Robotics Special issue](#)

[FTC 2017](#)

[IOT Solutions World Congress](#)

[IROS](#)

[Kickstart Accelerator](#)

[RO-MAN](#)

[SNSF Professorships](#)

[womEncourage 2017](#)

Start-up corner

Fotokite and Anybotics at the EuRobotics TechTransfer Award

NCCR Robotics spin-off [Fotokite received this year's first prize](#) and [Anybotics third prize](#) at the EuRobotics Tech Transfer Award.



NCCR ROBOTICS CALLS

Summerschool in robotics and artificial intelligence

Summerschool for high school students (10-13th July, EPFL). Prerequisites: Programming skills, some programming before (any language). [Read more](#)



ICRA Workshop on Event-based Vision

Call for Live Demos! **Submission deadline 01st May 2017.** [Read more](#)

Workshop on Event-based Vision
IEEE International Conference on Robotics and Automation (ICRA) 2017, Singapore

RSS Workshop: Challenges in Dynamic Legged Locomotion

The performance of modern legged robots still pales in comparison to their biological counterparts in terms of... **Call for poster submission deadline 30th May** [Read more](#)



WE WILL BE AT:

Hannover Messe

24-28 April 2017

Hannover

[Read more](#)



ICRA Workshop on Event-based Vision

02 June 2017

Singapore

[Read more](#)

Workshop on Event-based Vision
IEEE International Conference on Robotics and Automation (ICRA) 2017, Singapore

Summer School on Rehabilitation Robotics

05-10 June 2017

Singapore

[Read more](#)



PRESS COVERAGE

Humans control robots with their minds by watching for mistakes

"Try again robot, you're doing it wrong. A brain-computer interface lets people correct robots' mistakes using the power of their thoughts. The system uses..." [Read more](#)



How Open-Source Robotics Hardware Is Accelerating Research and Innovation

"The latest issue of the IEEE Robotics & Automation Magazine features a..." [Read more](#)



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

[CTI Entrepreneurship Training](#)

[Kickstart Accelerator](#)

[Swisscom StartUp Challenge](#)

External positions

[Electrical Engineer](#) (ANYbotics)

[Research Associate or Senior Research Associate in Soft Robotics at Bristol Robotics Laboratory](#) (2 posts) (University of Bristol)

[PhD Research Studentship - Computing with spiders' webs – An inspiration for new sensors and robots](#) (University of Bristol)

[Research Assistant/Associate in Soft Robotics Sensing](#) (University of Cambridge)

[W3-Professorship for Autonomous, Learning Robots](#) (Karlsruhe Institute of Technology)

[Research Fellow in Bioinspired Control for Autonomous Systems in City Infrastructure](#) (University of Leeds)

[Postdoctoral Researcher in Persistent Mapping and Long-Term Autonomy for Mobile Robots](#) (University of Lincoln)

[Postdoc Research Fellow Positions on Robotics & Autonomous Systems](#) (University of Surrey)

[Electrical & Mechanical development for bioinspired legged robots](#) (Max Planck Institute for Intelligent Systems-campus Stuttgart)

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NEW VIDEOS

Meet the Ijspeert Lab



Tangible Swarms with Cellulo



Cowriter project demonstrating the new coreader activity



NEW MEMBERS

Bastien Orset

Bastien is a PhD student at [Millán Lab](#), he is studying how BCI can be used to restore and enhance motor functions. His project is focused on the understanding of reaching movement of the upper limbs and how BCI could be used.



SELECTED NCCR ROBOTICS PUBLICATIONS *

B.K. Min, R. Chavarriaga, J. del R. Millán, "*Harnessing prefrontal cognitive signals for brain-machine interfaces*", *Trends in Biotechnology*, Elsevier, 2017.

F. Mondada, "Can Robotics Help Move Researchers Toward Open Science?" in *IEEE Robotics and Automation Magazine*, vol. 24, no. 1, p. 111 - 112, 2017.

*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.



