



Cyathlon News

The NCCR Robotics team from [ASL](#) has registered to participate in [Cyathlon](#) ([read the interview](#)). **Pilots update:** You can now start meeting the pilots who will be participating: [Meet Robi Bojanec](#).



HKSTP visit NCCR Robotics

[Hong Kong Science & Technology Parks Corporation](#) visited various NCCR Robotics labs to learn about our programme. They also met some of the [NCCR Robotics spin funds](#).



Swiss and French schools adopt Thymio

[Thymio](#) robot and the associated educational material has been officially introduced to schools by the education departments of Vaud and Geneva and over 100 primary school... [Read more](#)



Invited speakers talks online

Please visit the [lectures section](#) on our website where we have started making available some of the [talks](#) given by external speakers who have been invited by NCCR Robotics members.



YouTube Channel

NCCR Robotics has recently launched a [YouTube Channel](#). Nearly 10,000 views have been registered since it was opened two months ago.



CONGRATULATIONS

Stéphanie Lacour selected as a WEF Young Global Leader

Congratulations to Stéphanie Lacour, who has been selected as a Young Global Leader in the World Economic Forum (WEF). [Read more](#)



Flyability win Venture Kick final

NCCR Robotics Spin Fund [Flyability](#) secured a total funding amount of CHF 130,000 by winning the Venture Kick final. The world's first collision-proof drone "Gimball" and a rapid and... [Read more](#)



Thesis Defense

Phase 1 NCCR Robotics member Philippe Rétornaz ([LSRO](#)) presented his PhD thesis entitled "*Construction par procédé additif réalisée avec des robots mobiles autonomes hétérogènes*" on 2nd April 2015.



ROBOTICS WORLD

Top News

[WeRobot 2015 Keynote: The future of robotics, with R2D2 maker Tony Dyson](#)

[Consumer and B2B drone making is big business](#)

[Talking Machines: Interdisciplinary data, with David Blei](#)

[Multiple tethered quadrotors performing high-g, high-speed formation maneuvers](#)

[Teaching robots to behave ethically](#)

World events

[Summer school Human sensing and applications to robotics and haptic displays \(May 18-22\)](#)

[ICRA \(May 26-30\)](#)

[CES ASIA \(May 25-27\)](#)

[Industries Days \(June 3-4\)](#)

[DARPA Robotics Challenge Finals \(June 5-6\)](#)

[CVVT \(June 12\)](#)

[APAC Innovation Summit 2015: Robotics \(June 24-25\)](#)

External calls

[RoboCup \(Call for papers\)](#)

[RSS 2015 Workshop: Learning for Visual and Tactile Interaction \(Call for papers\)](#)

[IEEE International Symposium on Safety, Security, and Rescue Robotics \(Call for papers\)](#)

[RoCKin Competition \(Call for participation\)](#)

[The 2015 Prize for Contributions in Soft Robotics](#)

External positions

[PhD proposition at École Centrale de Lille](#)

[Postdoc openings in soft wearable robotics at Harvard](#)

[Postdoc position in machine learning for robot movement control Movement \(Max-Planck Institute for Intelligent Systems\)](#)

[Postdoctoral research associate \(Australian Centre for Field](#)

Thesis Defense

Phase 1 member Fanny Riedo ([LSRO](#)) presented her PhD thesis, entitled "*Thymio: a holistic approach to designing accessible educational robots*" on 17th April 2015.



WE WILL BE AT:

Robohub at ICRA

MAY 26-30

Seattle

[Read more](#)



Industry Forum

MAY 27

Seattle

[Read more](#)



ICRA Workshop: Innovative Sensing for Robotics

MAY 30

Seattle

[Read more](#)



ICRA Workshop: CPGs for Locomotion Control

MAY 30

Seattle

[Read more](#)



Innorobo

1-3 July

Lyon

[Read more](#)



Drone Apps Day

14-15 Sept

Lausanne

[Read more](#)



START UPS INSIDE SWISS ROBOTICS

Swiss Robotics

Swiss Robotics is an expanding and successful NCCR Robotics initiative that provides Swiss start-ups with a unique opportunity to co-exhibit with NCCR Robotics at selected conferences and trade fairs. Discover some of these start-ups:



BestMile

BestMile is a Swiss start-up active in developing solutions and services for urban mobility with a focus on the last mile. Based at EPFL Innovation Park and incorporated in January 2014, BestMile is a mobility solution provider... [Read more](#)



NCCR PRESS COVERAGE

[Robotics](#))

[Several Internships available \(TechJect\)](#)

[Assistant Professor - Tenure Track Robotic Systems \(ETHZ\)](#)

[Robotics Perception Researcher and Robotics Engineer positions \(Georgia Tech Research Institute\)](#)

[Director of Engineering \(Rapyuta Robotics\)](#)

[Postdoc positions \(Harvard Microrobotics Lab\)](#)

[Computer Vision and Machine learning positions at all levels \(Uber Advanced Technology Center - Pittsburgh\)](#)

[PhD student position in formal methods-based planning \(KTH\)](#)

Useful links

[Robolution Capital](#)

Interesting links

[NIFTi project summary](#)

NCCR Robotics Director

Prof. Dario Floreano

CONTACT

NCCR Robotics

Office ELG 231, Station 11
EPFL CH-1015 Lausanne
Switzerland
+41 21 693 69 39
nccr-robotics@epfl.ch
nccr-robotics.ch

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Team

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Drones Under Control

BBC radio interview with Davide Scaramuzza on mechanisms to ensure that drones do not get out of control [Read more](#)



Swiss Team Develops Self-Stabilizing Drones

Parrot has licenced Davide Scaramuzza's proprietary technology for Self-Stabilizing Drones. [Read more](#)



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

NEW VIDEOS

Careers in Robotics - Georg Rauter



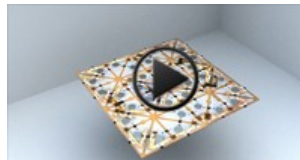
Prof. Riaan Stopforth - Research in the fields of Search and



How to Launch a Quadrotor



Extrinsic softness via multiple DoF joints : Robogami



GUESS WHO?

Can you guess who this NCCR professor is?

To get to his lab this professor went through elementary school teaching and via the *Patrouille de Glaciers* before discovering AI.... [Read more](#)



NEW MEMBERS

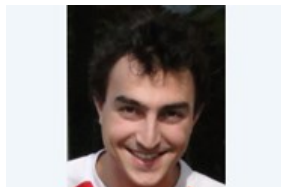
Kai Schmidt ([SMS](#))

Kai is a PhD student investigating novel mechanisms using soft materials and suitable control methods for direct interactions with the human body to create soft, assistive devices that are able to support recovery or substitute lost capabilities.



Jérôme Gandar ([IRP](#))

Jérôme a PhD student at IRP where they implant neuroprosthesis on the spinal cord of paralyzed rats to make them walk again. In this field, he works on the development of new multi-electrode implants and new strategies of stimulation to enhance the locomotor control.



SELECTED NCCR PUBLICATIONS *

D. Roy, P. Y. Oudeyer, S. Magnenat, F. Riedo and G. Gerber *et al.*, "IniRobot : a pedagogical kit to initiate children to concepts of robotics and computer science", In *6th International Conference on Robotics in Education*, Yverdon, Switzerland, 2015.

*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.

