



José del R. Millán Sabbatical Leave

José del R. Millán will be at UC Berkeley on sabbatical from 15th July 2016 until 15th January 2017. He has nominated Ricardo Chavarriaga as the deputy for his lab's activities in the framework of NCCR Robotics.



NCCR Robotics representing Swiss research around the world

NCCR Robotics has been actively building networks and bringing Swiss research and innovation to the international scene. Last month at the Cambridge Science Festival ([Thymio](#) & [Cellulo](#)) and at [Hannover Fair](#).



Looking for career inspiration?

Find out how some of the NCCR Robotics professors got into their careers. [Read more](#)



CONGRATULATIONS

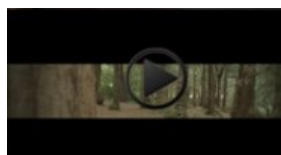
Intento heads to U.S. with Venturelab

NCCR Robotics Spin Fund Intento has been selected for the U.S. journey as part of venturelab's international program venture leaders.



Drone navigation at GTC 2016

The forest trail work from [Scaramuzza](#) and [Gambardella](#) labs was featured in the NVIDIA [Keynote at the GTC 2016](#) conference.



CALLS

PhD/Postdoc Exchange Programme & Master's Internships for Women

[PhD / Postdoc exchange programme](#) - take part in a 3-6 month collaborative project. [Master's internship for women](#) - 3-6 month internship at an NCCR Robotics lab. Deadline for both calls: 31st July.



Spin Fund: call open on monthly basis

Unlike previous years, from this year onwards the Spin Fund application process will occur on a rolling basis. Apply for one year's salary to kick start your business. The Robotics Spin Fund targets PhD students, Master's students and senior researchers... [Read more](#)



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We will be at: Automatica

NCCR Robotics lab's people: IDSIA

ROBOTICS WORLD

Top News

[The Monospinner: world's mechanically simplest controllable flying machine](#)
[Farming with robots](#)

[The evolution of assembly lines: A brief history](#)

[I am FRANKA: German collaborative robot can build itself](#)

[MIT student robots battle it out, revolutionary-style](#)

World events

[Innorobo](#) 24-26 May

[Brainforum](#) (26-27 May)

[Robobusiness Europe](#) 1-3 June

[Russian - Swiss Innovation Day](#) (2 June)

[RSS](#) 18-22 June

[Planning for Human-Robot Interaction: Shared Autonomy and Collaborative Robotics \(RSS 2016 Workshop\)](#) 18 June

[Automatica](#) 21-24 June

External calls

[Advanced Postdoc. Mobility](#)

[Academia-Industry Training Camps](#)

[DRONE BERLIN](#)

[FTC 2016](#)

[Humanoids 2016](#)

[John Maddox Prize](#)

[MFI](#)

SSRR 2016 Call for Papers and Robot Demonstrations

The International Symposium on Safety, Security and Rescue Robotics ([SSRR 2016](#)) will be held at EPFL, 23-27th Oct. [Submission deadline 24th June](#).



Cyathlon Call for Volunteers

We are looking for volunteers for the first Cyathlon! We need motivated and responsible volunteers to help out with a wide variety of tasks from 05.10 to 09.10.2016. [Please sign up before 31st May](#). Be there, be involved!

WE WILL BE AT:

AUTOMATICA

21 - 24 June 2016

Germany

[Read more](#)



NCCR PRESS COVERAGE

A Question of Perception

Talking Autonomous Robot Navigation with Davide Scaramuzza

[Read more](#)



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

NEW VIDEOS

Swarm robotics in the classrooms of tomorrow

Learn how swarm robotics will be used in the classrooms of tomorrow - Cambridge Science Festival, Cellulo.



Mobile robots explain stem cell differentiation

The concept of stem cells was explained to the public at the Cambridge Science Festival, using mobile robots. For the occasion, Thymio was transformed into a cell that differentiates into various organs.



Thymio Project represents Switzerland at EUCYS

A promising young Scientist presents his school science project using Thymio. With this project he represented Switzerland at the [European Union Contest for Young Scientists last year](#) in Milan, he is currently pursuing his studies at ETH Zurich.



GUESS WHO?

Can you guess who this NCCR professor is?

This professor got his passion for mechanics from his father. As they had a workshop and he could manufacture his own parts, he started building many objects. At one point he got a computer as first prize in a lottery and started programming. [Read more](#)



NCCR ROBOTICS LAB'S PEOPLE

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

[RO-MAN 2016](#)

[Soft Robotics Competition](#)

[Robotic Challenge 4.0](#)

Summer School

[\(TRCR\) Translational Robotics for Clinical Rehabilitation Summer School](#)

External positions

[Post-Doc Position Robust & Optimal Control for In situ Digital Fabrication \(ADRL -ETH Zurich\)](#)

[UAV Business Development Manager \(Flyability\) Lausanne](#)

[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 \(Capsen Robotics\)](#)

Interesting link

[Do Consumer Drones Endanger the National Airspace? Evidence from Wildlife Strike Data](#)

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IDSIA

The [Gambardella lab](#), Istituto Dalle Molle di Studi sull'Intelligenza Artificiale, IDSIA, focuses on machine learning (deep neural networks, reinforcement learning), operations research, data mining and robotics.



Gianni A. Di Caro

Gianni's scientific expertise include: swarm intelligence and bio-inspired computing, automatic planning and control in single and multi-robot/swarm systems, human-robot and -multi-robot interaction, mathematical and heuristic optimisation, communications in dynamic networks and artificial intelligence.



Eduardo Feo

Eduardo is a PhD student at IDSIA. His research focuses on swarm and wireless networked robotics, combinatorial optimisation and meta-heuristics.



Francois Francezon

Francois is a PhD student studying collaboration and coordination in search and rescue environments. His research focuses on the formation and interactions of coalitions between humans and robots.



Alessandro Giusti

Alessandro is a Researcher at the Dalle Molle Institute for Artificial Intelligence (IDSIA); he works on robot visual perception and machine learning for image and signal analysis.



Boris Gromov

Boris is a PhD student. Previously he has been working as a research engineer in the area of haptics and teleoperation at the KoreaTech's BioRobotics Lab. His current research focuses on multimodal human-robot / human-swarm interaction and its applications in search and rescue scenarios.



Jérôme Guzzi

Jérôme holds a degree in physics from ETH Zurich and is pursuing a PhD in computational science at IDSIA. He focus his research on human-robot interaction, multi-robot systems and resilient path planning.



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.



