



We wish you a relaxing holiday and all the best for

NCCR Robotics



Your NCCR Robotics Newsletter will be back in February 2017.

LATEST NCCR NEWS

Change in Management

We are pleased to announce [Jan Kerschgens](#) as NCCR Robotics Managing Director & Knowledge and Technology Transfer Officer. We also take this opportunity to thank Anne-Christine Butty for her valuable input and contributions to NCCR Robotics.



CONGRATULATIONS

Stéphanie Lacour Appointed Full Professor

Congratulations to Stéphanie Lacour who has been appointed Full Professor of Microtechnology and Bioengineering in the School of Engineering (STI), EPFL. [Read more](#)



Scaramuzza Lab Honoured in 2016 World Robotics Report

[Scaramuzza Lab](#) was one of the three outstanding research labs to present their research portfolio, experimental resources and fields of activity in the [World Robotics Service Robots 2016 Report](#).



Internships and Fellowships

We are pleased to announce that three women Master's internships and four PhD/Postdoc fellowships have been awarded for Y7. [Read more](#)



ANYmal - Best Paper Award at IROS

Congratulations to the [Hutter Lab](#) for winning the [IROS best paper Award](#). We also take this



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ROBOTICS WORLD

Top News

[Robots may save the global economy](#)

[It's a reminder we are making a difference in the world': Girls of Steel follow up](#)

[One being for two origins: A new perspective on roboethics](#)

[Holiday robot videos 2016: Part 1](#)

[QuadBot: The 3D printed crab-bot scuttling beyond its Kickstarter goal](#)

World events

[Virtual Assistant Summit](#) (26-27 Jan)

[Global Robot Expo](#) (02-04 Feb)

[Deep Learning Healthcare Summit](#) (28-01 March)

External calls

[RAAD 2017](#)

[RO-MAN 2017](#)

[Ada-Europe](#)

[Wyss Center neurotechnology innovation challenge](#)

[SNSF scientific image competition](#)

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

opportunity to encourage you to visit the new NCCR Robotics Spin Fund [ANYbotics](#) website where you can subscribe to their newsletter.



Intento win 130K at Venture Kick

Congratulations to our NCCR Robotics Spin Fund holders, Intento, who have won 130K CHF at Venture Kick. [Read more](#)



NCCR OPEN POSITIONS

Two Postdocs in Soft Wearable Robotics

[Floreano](#) & [Micera](#) Labs invite applications for a postdoctoral fellowship in wearable technologies for human-robot interaction. The postdoc will work on the actuation system of a novel... [Read more](#)



WE WILL BE AT:

Paik lab Origami Robot Tribot on Exhibition

30 Sept 2016 - 08 January 2017

Berlin

[Read more](#)



European Robotics Forum

22-24 March 2017

Edinburgh

[Read more](#)



DATE 2017

27-31 March 2017

Lausanne

[Read more](#)



PRESS COVERAGE

BBC - 'Brain wi-fi' reverses leg paralysis in primate first

[Read more](#)



Research Magazine Horizons - Sculpting Robots

[Read more](#)



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



NEW VIDEOS

Artificial Feathers Take Flight



Primates Regain Control of Paralyzed Limb



Be part of the venture leaders in Technology 2017 in Silicon Valley!

External positions

Assistant Professor - Applied Mechanics (University of Toronto)

Postdoctoral Position in Marine Robotics (Jacobs University)

PhD Position: lifelong collaborative human-computer navigation in dynamic environments (University of Leuven)

Two Postdoctoral Research Fellows in Long-Term Autonomy for Mobile Robots in Intra-Logistics (University of Lincoln)

Electronics Engineer (Flyability)

Interesting links

[Une carte en ligne pour savoir où faire voler son drone en toute légalité](#)

[Science Robotics](#)

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[Jan Kerschgens](#)

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NEW MEMBERS

Gunjan Agarwal

Gunjan is a research scientist in the [Paik Lab](#) with a PhD in Mechanical Engineering from MIT. She works on mechanical modelling and numerical simulation of pneumatic actuators in soft robotic structures for locomotion, grasping and rehab.



Thibault Asselborn

Thibault is a PhD student at [Dillenbourg Lab](#). He received his Master and Bachelor degree from EPFL. His work mainly focused on better understanding the human-robot interaction and particularly on what can make robot more human.



Christoph Belke

Christoph received an MEng degree in Mechanical Engineering from Imperial College, London in 2014 and is currently pursuing a PhD at the [Paik Lab](#).



SELECTED NCCR ROBOTICS PUBLICATIONS *

M. Di Luca, S. Mintchev, G. Heitz, F. Noca, and D. Floreano, "Bio-inspired morphing wings for extended flight envelope and roll control of small drones," *Journal of the Royal Society, Interface Focus*, 16 December 2016.

C. Forster, Z. Zhang, M. Gassner, M. Werlberger and D. Scaramuzza, "SVO: Semi-Direct Visual Odometry for Monocular and Multi-Camera Systems," *IEEE Transactions on Robotics and Automation*, 2016.

R. Kaeslin, P. Fankhauser, E. Stumm, Z. Taylor, E. Mueggler, J. Delmerico, D. Scaramuzza, R. Siegwart and M. Hutter "Collaborative Localization of Aerial and Ground Robots through Elevation Maps," In *International Symposium on Safety, Security, and Rescue Robotics (SSRR)*, Lausanne, 2016.

*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.

