Meet the Paik Lab
Welcome to the second of our Lab videos section where we introduce the NCCR Robotics lab, PI, A documentary
(Örebro ANYmal at ARGOS Finals – won the 2017 Misha Mahowald
nominated for Hermese
editor et al
(NCCR Robotics) is a
LATEST NCCR NEWS
Meet the Paik Lab
Welcome to the second of our Lab videos section where... 
Selected Publications
*Selected publications include publications which have been made known to the
in the constraint-consistent subspace for dynamic legged robot
D. Pardo, M. Neunert, A. Winkler and J. Buchli, "Autonomous Robots
V. Monaco, J. Delmerico, S. Isler, R. Sabzevari and D. Scaramuzza, "A comparison of volumetric
rehabilitation with the tangible robots Cellulo.
research focuses on hand and lower arm stroke
human-robot interaction in rehabilitation robotics. Her
Arzu is a PhD student at the
Exoskeleton Kit for STEM
EduExo: The First Robotic

Zurich Urban Micro Aerial Vehicle Dataset
Scaramuzza Lab released the Zurich Urban Micro Aerial Vehicle Dataset. The first public, large-scale dataset recorded with a drone in an urban environment... Read more
Launch of the Chairless Chair
NCCR Robotics spin-off noonee, announced the start of series production and sales launch of their Chairless Chair which was nominated for Hermese Award 2017... Read more
Stroke patients take the lead in their rehabilitation
NCCR Robotics spin-off intento has developed a patient-controlled electrical-stimulation device that helps stroke victims regain mobility in paralyzed arms. The promising... Read more
Rescue Grand Challenge meeting
On 9th May, six labs from NCCR Robotics met with professional rescue workers in order to showcase our technologies and to receive feedback on how to develop robots to be used in the field.
Twice & Cybathlon in Japan
TWICE presented their exoskeleton project at Medtec Asia and at the Technology and Social Inclusion. The Cybathlon Approach was also featured in Tokyo, organised by the Swiss Science and Technology Office.
Jonas Buchli
We would like to inform our members that Jonas Buchli ceased his activities with NCCR Robotics end of March 2017. He will be taking up a position in the private sector... Read more

In this issue...
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Zurich Urban Micro Aerial Vehicle Dataset
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Rescue Grand Challenge meeting
Twice & Cybathlon in Japan
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Congratulations: Aude Billard awarded with an ERC Advanced Grant / 2017 Misha Mahowald Prize for Neuromorphic Engineering / Nicolas Sommer PhD defense / Twice awarded first stage of Venture Kick
NCCR Robotics Calls: Summer school in robotics and artificial intelligence / FSR 2017 - 11th Conference on Field and Service Robotics
Job opening: Administrative Specialist
We will be at
Press Coverage
New Videos
New Members
Selected Publications

ROBOTICS WORLD
Top News
Machine Learning with OpenAI Gym on ROS Development Studio
Thoughts on the EU’s draft report on robotics
JANUS creates a new era for digital underwater communications
LIDAR vs RADAR: A detailed comparison
Hardhat bots take over construction sites

World events
C-AR2017 (16-17 May)
InnoRobo (16-18 May)
ICRA (29 May-03 June)
AUVSI Intelligent Ground Vehicles Competition (2-5 June)
CES ASIA (7-9 June)
Unmanned Cargo Innovation Ground Vehicle (14 June)
ICAPS (18-23 June)
Hamlyn Symposium on Medical
2017 Misha Mahowald Prize for Neuromorphic Engineering

Scaramuzza Lab won the 2017 Misha Mahowald Prize, which recognises outstanding achievement in the field of neuromorphic engineering. Read more

Nicolas Sommer PhD defense

Nicolas Sommer's, (Billard Lab), public thesis defense will take place 19th May at EPFL, the title will be Multi-contact tactile exploration and interaction with unknown objects.

Twice awarded first stage of Venture Kick

NCCR Robotics spin-off Twice was awarded the Venture Kick Stage 1. Read more

NCCR ROBOTICS CALLS

Summer school in robotics and artificial intelligence

Summer school for high school students (10-13th July, EPFL). Prerequisites: Programming skills, some programming experience (any language). Read more

FSR 2017 -11th Conference on Field and Service Robotics

FSR is a single-track conference with a specific focus on field and service applications of robotic technologies. Early registration deadline: 15th July. Read more

NCCR OPEN POSITIONS

Job opening: Administrative Specialist

We are looking for an administration specialist to work in our Management team at EPFL. Read more

WE WILL BE AT:

InnoRobo

16-18 May 2017
Paris
Read more

ICRA Workshop on Event-based Vision

02 June 2017
Singapore
Read more

Summer School on Rehabilitation Robotics

05-10 June 2017
Singapore
Read more

NCCR Robotics Annual Retreat
we introduce the NCCR Robotics lab, PI.

A documentary (Örebro ANYmal at ARGOS Finals – University ANYmal) won the 2017 Misha Mahowald Award.

The Swiss National Centre of Competence in Robotics (NCCR) is a federally funded programme bringing together robotics laboratories from EPFL, ETH Zurich and the DFKI Bremen.

The Scaramuzza Lab organised the RSS Workshop: Challenges in Dynamic Legged Locomotion in Fribourg on 12-13 June 2017.

The Dillenbourg lab organised the RSS Workshop: Challenges in Dynamic Legged Locomotion in Cambridge, MA, USA on 15 July 2017.

The Dillenbourg lab organised the Building Bodies for Brains & Brains for Bodies / 3rd Japan-EU Workshop on Neurorobotics in Geneva on 15 - 16 July 2017.

NCCR Combat vehicle and service robotics

WE WILL BE AT

RSS Workshop: Challenges in Dynamic Legged Locomotion
12-13 June 2017
Fribourg

Building Bodies for Brains & Brains for Bodies / 3rd Japan-EU Workshop on Neurorobotics
15 - 16 July 2017
Geneva

PRESS COVERAGE

L’ingénieure et les robots mous

“Dans le laboratoire de robotique reconfigurable qu’elle a créé en 2012 à l’EPFL, Jamie Paik travaille à révolutionner notre futur proche. Un avenir où des machines souples et inoffensives” Read more

Stéphanie Lacour & Grégoire Courtine Live at SXSW 2017

Listen to Stéphanie and Grégoire: Elastic Interfaces for your body from SXSW 2017 recorded by Swissnex Boston. Read more

More press coverage available through NCCR Robotics website

NEW VIDEOS

Meet the Paik Lab

Exoskeleton prevents seniors from falling

Chairless Chair nominated for Hermese Award 2017

EduExo: The First Robotic Exoskeleton Kit for STEM Education

NEW MEMBERS
Arzu Güneysu Özgür
Arzu is a PhD student at the Dillenbourg lab studying human-robot interaction in rehabilitation robotics. Her research focuses on hand and lower arm stroke rehabilitation with the tangible robots Cellulo.

**SELECTED NCCR ROBOTICS PUBLICATIONS**


*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.

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