Registrations now open!

Taking place on the 1st of November, the Swiss Robotics Industry Day is an exclusive event designed for industry professionals to experience and gain insight of the Swiss Robotics ecosystem. Registration is now open.

Integrative demo video: over 160,000 views in 4 months!

Our Integrative Demo of Aerial and Terrestrial Robots for Rescue Missions video, posted only 4 months ago, has already registered over 160,000 views!

How ANYmal got into The X-Files

ANYmal, developed by an NCCR Robotics lab, recently appeared in the television series The X-Files. Peter Funkhauser shares how being approached, preparation of the scene and coordination with actors. Read more

CONGRATULATIONS

Inventions Geneva - Awards

The PackDrone received three awards during the International Exhibition of Inventions Geneva: Audience Award; Special Award of the President of the Patent Office of the Republic of Poland; Award of the President of the Association of Portuguese Inventors.

Georges Giralt PhD Award

Christian Forster, the first PhD student to graduate from Scaramuzza lab, ranked second in the 2017 George Giralt European PhD Thesis Award. Read more

GENIUS NY round II grand prize

NCCR Robotics spin-off Fotokite was awarded the GENIUS NY round II grand prize. The initiative is one of the world’s largest business competitions focused on unmanned systems. Read more

Top 10 innovation and personality criteria

NCCR Robotics spin-off MyoSwiss, has been selected amongst the top 10, from 220 submitted projects, for the W.A. de Vigier’s innovation and personality criteria. Read more

Best Demo Award

NCCR Robotics spin-off Foldaway won the Best Demo Award for "Touch" VR joystick, presented for the first time at the 2018 IEEE Haptics Symposium. Read more
NCCR ROBOTICS CALLS

CoRL call for Papers

BRIDGE- Proof of Concept
Young researchers who want to apply their research results and realize an innovative product or service can submit their project proposal. Submission deadline 4th June.

NCCR ROBOTICS OPEN POSITIONS

Marchal-Crespo lab - PhD Position
Marchal-Crespo lab, ARTORG Center for Biomedical Engineering Research (Bern) has an open PhD position in Motor Learning and Robotic Neurorehabilitation. Read more

Floreano lab - Postdoc position
Floreano lab (EPFL) invites applications for a postdoctoral fellowship in aerial robotics. The laboratory has made pioneering contributions to perception, control, and design of award-winning drones that resulted in... Read more

Hutter lab - Multiple positions
Hutter lab (ETH Zurich) has various open positions for Postdocs, PhD students and Software and Electronic Engineers. Read more

Open positions at NCCR Robotics
Spin-off, Anybotics
Multiple open positions at Anybotics: Software Engineer - Robot Navigation, Software Engineer BS/MS, Electrical Engineer BS/MS and Mechanical Design Engineer BS/Ms. Read more

2018 EVENT UPDATE ‐ WE WILL BE AT:

Hannover Messe
23-27 April 2018
Germany
Read more

Conference on Collective Behavior
07-11 May 2018
Italy
Read more

ICRA
21-25 May 2018
Australia
Read more

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

Venturelab - Scale-up Bootcamp
Fotokite share the Venture Leaders Technology 2018 experience

Swisscom StartUp Challenge 2018 (Submission deadline 21 May)

External positions

University Professor in the field of "Intelligent Systems" (EECS faculty, TU Berlin)

Research Studentship in AI for Multi Robot Systems (University of Oxford)

Fellow position in Legged Robot Design - Humanoid and Human-Centred Mechatronics Research Line (IIT)

Lecturer in Artificial Intelligence (University of Liverpool)

R&D Scientist - Robot Applications & Intelligent Robotics (ABB)

Lecturer to develop and lecture a Module in “smart robotics” (de) (Swiss Distance University of Applied Sciences)

NCCR Robotics Director
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Publisher
NCCR Robotics Management Team
Editor
Mayra Lirot
Contributing Editors
Jan Kerschgens / Joëlle Mottier
Web Editing
Mayra Lirot
Design
Alternative Communication SA / Pascal Briod

We recommend you to
Nouvel espoir pour les paraplégiques
Des chercheurs de l'Ecole polytechnique fédérale de Lausanne (EPFL) ont étudié des rats... Read more or English translation

"Recâbler" le cerveau pour lutter contre la paraplégie
Une thérapie testée au CHUV a permis à des rats paraplégiques de retrouver l'usage de leurs pattes. Read more or English translation

Neuroprosthetic rehab allows paralysed rats to walk again
Scientists at Switzerland's EPFL are continuing their efforts to one day reverse paraplegia in humans by making rats with spinal... Read more

Dépasser la paralysie grâce au "recabling" du système nerveux
Que se passe-t-il dans le cerveau de rats paralysés qui récupèrent leur capacité à marcher?... Read more or English translation

Rats paraplégiques à l'EPFL: zone cérébrale clé identifiée
Des scientifiques de l'EPFL ont identifié une zone cérébrale clé pour le rétablissement de rats... Read more or English translation

Comment une rééducation multimodale refait marcher des rats paraplégiques
Des rats ayant une lésion spinale qui arrivent de nouveau... Read more or English translation

Rats paraplégiques: L'EPFL fait une avancée
Des chercheurs de l'EPFL ont fait un pas de plus vers la réhabilitation de patients.... Read more or English translation

More press coverage available through NCCR Robotics website

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**NEW VIDEOS**

- Landing a Drone with Pointing Gestures
- Paraplegic rats walk again after therapy, now we know why
- Perception-aware Receding Horizon Navigation for MAVs
- Onboard State Dependent LQR for Agile Quadrotors
- A Unifying Contrast Maximization Framework for Event Cameras
- Event-based Vision meets Deep Learning on Steering Prediction for Self-driving Cars
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.
Anybotics (NCCR Robotics) is a foldaway Fotokite or (EPFL) invites applications for a LATEST NCCR NEWS
Registration now open!
Taking place on the 1st of November, the CYBATHLON

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Machines for Legged Systems Through Phase-Based End-Effector Parameterization

Exoskeleton Reduces Error in Drone Teleoperation

Rehabilitation Game with Tangible Robots

neuromuscular electrical stimulation fosters motor imagery performance

Event Cameras
Maximization Framework for A Unifying Contrast

Horizon Navigation for MAVs
Perception-aware Receding

Gestures
Landing a Drone with Pointing

multimodale refait marcher des rats... cérébrale clé pour le rétablissement de rats...
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Nouvel espoir pour les ICRA 07-11 May 2018

Behavior

Read more

23-27 April 2018

BS/MS, Electrical Engineer BS/MS and Mechanical

Multiple open positions at Spin-off, Anybotics Electronic Engineers.

Hutter lab
Floreano lab - Postdoc position in Motor Learning and Robotic Engineering Research (Bern) has an open PhD June.

Results and realize an innovative product or service can

Committee of the 2018 Conference on Robot Learning. Aude Billard is General Chair of the Organizing

Top 10 innovation and personality on unmanned systems.

GENIUS NY round II grand prize from the Patent Office of the Republic of Poland; Award of The PackDrone coordination with actors.

Being approached, preparation of the scene and Peter Fankhauser shares on the experience about recently appeared in the television series for Rescue Missions Our 160,000 views in 4 months! Registration is now open for industry professionals to experience and gain

Taking place on the 1st of November, the DRONE DAYS

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