



NCCR NEWS

Prof. Ogata's visit to EPFL

Prof Ogata ([Waseda University](#)) visited EPFL on 17-18 March for preliminary talks on a possible student exchange programme for PhD students in both institutions. This would... [Read more](#)



RPG news

[RPG](#) gladly announce the release of their monocular pose estimation system as an open-source ROS package. The system allows accurate, efficient, and robust estimation of the relative pose of two robots [Read more](#)



Massive interest in the Flying Donkey challenge

33 teams from Africa, Australia, Europe, India and North America have applied for the [Flying Donkey Challenge](#) (Kenya 8-16 Nov. 2014) [Subscribe](#) to the Flying Donkey Newsletter.



Public Infoletter Subscription

It is now possible to subscribe to the public version of the NCCR Robotics infoletter through the [website](#). Please spread the word amongst your acquaintances. A group of Startups and SME's currently receive the public version.

NCCR Robotics Twitter 

We are glad to inform you that only after a month after it was launched, the [NCCR Robotics Twitter](#) account is approaching 100 followers. Don't forget to follow us too!

Cybathlon 

The official [Cybathlon facebook](#) page has now been launched and has already reached nearly 150 likes. We invite all members to join!



CONGRATULATIONS

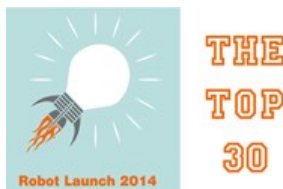
GimBall 3rd prize at euRobotics

Gimball was awarded the third prize at the [euRobotics Entrepreneurship Workshop](#). We note that 2 EPFL Swiss startups were amongst the top 5 finalists: Adrien Briod (Gimball) and Thomas Estier, who received 4th prize.



GimBall semi-finalist

Gimball has been selected in the top 30 in the [Robot Launch challenge](#). There were a total of 76 applications from 19 different countries, entries covered industrial, service and consumer robotics. [Read more](#)



ROBOTICS WORLD

Top News

[Finding perfection in the imperfect: Applying Darwinian neuro-evolution to robotics](#)

[Self-contained soft-bodied robotic fish](#)

[NAO Next Gen now available for a wider audience](#)

[Robots Podcast: Termite-Inspired Construction](#)

[Fukushima photo essay: A drone's eye view](#)

World events

[The Vision Show and Conference](#)

[Robotech](#)

[sUSB-Expo](#)

[RTEX pre-launch](#)

[AUVSI](#)

[Robo Business Europe](#)

External calls

[IEEE Ro-Man 2014](#)

[Drone Social Innovation Award](#)

[Workshop on Human Versus Robot Grasping and Manipulation](#)

[Hand, Brain and Technology](#)

[World Symposium on Mechatronics Engineering & Applied Physics](#)

[RSS Workshops](#)

Cool links



by Jürg

Germann from [LIS lab](#)

[Immigrants from the future](#)

[Fukushima, a drone's eye-view](#)

[Soft robotic fish moves like the real thing](#)

Useful links

[Science Switzerland](#)

[Science & Technology Office Tokyo](#)

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NCCR OPEN POSITIONS

Open position for Postdoc / Visiting Scholar at RRL

RRL has an open position for a Postdoc and/or visiting scholar. [Read more](#)



Upcoming NCCR Robotics EVENTS

Venture ideas

16 April

EPFL

[Read more](#)



ROBOTS: From Imagination to Market

17 April

Boston

[Read more](#)



HBT

7-12 Sept - Deadline for paper submission: 30 April

Monte Verità

[Read more](#)



Past NCCR Robotics EVENTS

Fotokite at TED 2014

18-21 March

Vancouver, Canada

[Read more](#)



Innorobo

18-20 March

Lyon, France

[Read more](#)



SWISSTECH OPEN DAYS

5-6 March

EPFL, Lausanne

[Read more](#)



NCCR PRESS COVERAGE

Cyathlon goes viral

Last month's article on Robohub by Linda Seward [introducing the Cyathlon](#) sparked wide media attention around the world: [CNN](#) / [Spectrum iee](#) / [BBC](#) / [News Discovery](#) / [WIRED](#) / [CTV News](#) / [The health site](#) / [3News](#) / [P3](#) amongst others.



Fotokite at TED14

Fotokite at TED14 also attracted media attention.

[BBC](#) / [News Discovery](#) / [Wired](#)



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



SELECTED NCCR PUBLICATIONS *

nccr-robotics@epfl.ch
nccr-robotics.ch

IMPRESSUM

Publisher

NCCR Robotics Management Team

Team

Editor

Mayra Lirot

Web Editing

Mayra Lirot / Pascal Briod

Contributor

Linda Seward

Design

Alternative Communication SA / Pascal Briod

A. Briod et al. A Collision Resilient Flying Robot. Accepted in Journal of Field Robotics (2014).

E. Di Mario et al. The Role of Environmental and Controller Complexity in the Distributed Optimization of Multi-Robot Obstacle Avoidance. IEEE International Conference on Robotics and Automation, Hong Kong, China, (2014).

*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.

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 the NCCR Robotics at selected conferences and trade fairs. Discover some of these start ups:



Bluebotics

[BlueBotics](#) aims to become world leader in autonomous navigation with the mission to enable the automated mobility of vehicles in the professional use market. [Read more...](#) (including their latest news)



WHO IS WHO ?

Minhao Yang ([INI UZH/ETH](#))

Minhao is 28. His hometown is Chongqing, a city in the southwest of China. He obtained his bachelor and master degrees at Peking University. His research is about developing smart sensors including silicon...

[Read more](#)



NEW VIDEOS

Human-Robot Cooperation: Fast, Interactive Learning...



Amputee Feels in Real-Time...



RGBD-based People Tracking on StarLETH



Cyathlon



NEW MEMBERS

Antoine Bautin

Antoine obtained a PhD in computer science from the "Univ. de Lorraine". His thesis research focused on multi-robot cooperation for exploration. At [IDSIA](#) he is working on human-swarm interaction using a gaming approach in the context of the sub-project "Let's play together with swarms!".



Martina Coscia

Martina is a Post-Doctoral Fellow at [TNE](#). Her research interests include the study of neuro-motor control mechanisms and the motor recovery process following a stroke, in order to develop new algorithms, functional assessment methods and innovative rehabilitative strategies for robotic therapy in neurorehabilitation.



Sophie Wurth

Sophie is a PhD student at [TNE](#). Her research focuses on peripheral neural interfaces for the restoration of locomotion in spinal cord injured models and their integration into a closed-loop control to improve the motor function enabled through epidural stimulation.



Joël Rey

Joël is a PhD student at EPFL [LASA](#), studying machine-learning techniques for robotic manipulation. His research focuses on manipulation tasks with high physical interactions and uncertain environments.



Women Master Student Internship

Fatemeh Mohseni

Fatemeh received her M.S. degree in Electrical Engineering, Control field from Tehran polytechnic. She is working on the topic of “Cooperative Monitoring of Disaster Areas with UAVs Teams” at [IDSIA](#) for a 6 month period. Her research interests are Multi-Agent Systems Coordination and Control, Optimization-based Cooperative Control and Robotics.

