



NCCR NEWS

Science Communication Officer

We are pleased to welcome Dr. Linda Seward as NCCR Robotics Science Communication Officer. After having earned a PhD in engineering, Linda spent a few years at ETHZ in research, teaching and science communication... [Read more](#)

**KTT Officer**

We take this opportunity to thank our former KTT Officer Thomas Estier, who left the NCCR at the end of 2013 to start his own private venture. Thomas helped showcasing NCCR research... [Read more](#)

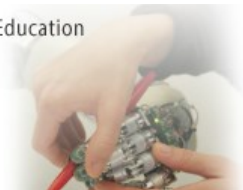
**2nd Approved Spin Fund**

The second approved NCCR Robotics Spin Fund has officially been granted to Keith Gunura and Bryan Anastasiades for [Noonee](#). The project is hosted in Fumiya Iida's lab. Their vision is to bring state of the art wearable leg assistive devices to everyone.

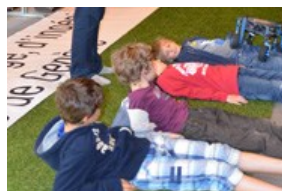
**5 internships granted for Women Master students**

The NCCR Robotics Education Committee has granted 5 Internships for Women Master students. The recently launched call received nearly 30 very good applications. [Read more](#)

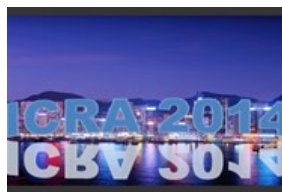
Education

**Robotics Festival**

As you are aware, over the past few years the Robotics Festival has continued to grow, each year offering more workshops, exhibitions and entertainment to a larger number of visitors. [Read more](#)

**ICRA 2014 workshops**

Several NCCR Robotics members are organizing workshops at ICRA this year: D. Novak & R. Riener, J. Buchli, D. Scaramuzza and F. Iida. [Tutorials and Workshops](#)

**Prof. Rob Wood**

Prof. Rob Wood (Advisory Board member), is currently a visiting Professor in Jamie Paik's and Dario Floreano's labs on a 4 month sabbatical. He gave a talk at EPFL on 5th February entitled *Progress on insect-inspired robots*.

**Thymio sales accelerate-5000 units**

The 5000th unit was packaged and sent to Payerne on January 7th. Over 3000 Thymios were sold in 2013 alone (sales began in 2011). The road ahead is very promising as the use and the promotion of the robot in schools continues.

**ROBOTICS WORLD****Top News**

[Robots Podcast: Industry and society](#)

[Four interesting robotic investments](#)

[Flying Donkey Challenge – entries close Feb 28th](#)

[ROS 101: A practical example](#)

[What do Google, Amazon, IBM, Apple, Microsoft and all the airlines and car companies want?](#)

World events

[Buffalo Mini Maker Faire](#)

External calls**ALIFE 14**

The 14th International Conference on the Synthesis and Simulation of Living Systems. [Read more](#)

External Positions

[Graduate Research Intern Position in Control & Autonomy](#)

[PhD fellowship in Evolutionary Robotics \(hardware\)](#)

[Two Marie Curie ITN for the enrolment of 2 PhD students in the PhD in BioRobotics](#)

L. Gambardella's favourite links:

[Department of Ethology](#)

[Department of Ethology, Budapest](#)

[Deep Mind Technologies](#)

[Swarm robotics](#)

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IMPRESSUM**Publisher**

NCCR Robotics Management

CONGRATULATIONS

Adrien Briod

Adrien Briod ([LIS](#)) had his public thesis defense on 10th January. While the problem of autonomous flight in cluttered environments is generally tackled through complex sense and avoid techniques, this thesis introduces new approaches based on collision robustness and sensor miniaturization.



SMS ETH

The [SMS](#) ETH lab were finalists for the [2013 Brain Computer Interface award](#) with a project on brain-computer interfaces in rehabilitation robotics, which mainly falls under NCCR subproject 2.1.



Benjamin Keiser

Benjamin Keiser ([RPG](#)) won the *KUKA Best Student Project Award 2013* with his Master thesis *Torque Control of a KUKA youBot Arm*. More information about the project can be found on the [KUKA website](#). A [video](#) of the project is also available.



Upcoming NCCR EVENTS

5-6 March 2014

Annual Retreat

Zurich

Annual Retreat 2014

18-20 March 2014

Innorobo

Lyon, France [Read more](#)

SWISS 
ROBOTICS

Past NCCR EVENTS

27 Nov - 01 Dec 2013

Robot Safari

London [Read more](#)



3-5 January 2014

TechFest

India [Read more](#)



NCCR PRESS COVERAGE

Robot Safari

The recent Robot Safari attracted nearly 7000 visitors. NCCR Robotics Biorob lab was present at this event with 4 robots, which generated excellent press coverage and huge interest on social media.



GimBall

The GimBall robot has enjoyed great international success and has appeared in the news all over the world.



Team

Editor

Mayra Lirot

Web Editing

Mayra Lirot / Pascal Briod

Design

Alternative Communication SA /
Pascal Briod

SELECTED NCCR PUBLICATIONS *

V. Klamroth-Marganska et al. Three-dimensional, task-specific robot therapy of the arm: a multicenter randomized clinical trial in stroke patients, *The Lancet Neurology*, vol.13, pp. 159 - 166, 2013.

*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.

WHO IS WHO ?

Joachim von Zitzewitz

Joachim is 33 years old. He comes from Germany and obtained his PhD from ETH Zurich (MAVT) and his Master's in Mechanical Engineering from Graz University of Technology, Austria. He is currently a PostDoc in the [Courtine Lab](#), EPFL. His research is about rehabilitation robotics for research in spinal cord injury. [Read more](#)



NEW VIDEOS

GimBall, an insect-like, crash-happy flying robot



A robot Christmas, 2013

Autonomous Christmas Lab



GimBall at TechFest 2014



NEW MEMBERS

Cristiano Alessandro

([SMS-ETH](#))

Cristiano studied computer engineering at the Univ. of Catania and the Politecnico di Milano, spending a semester at Chalmers Institute of Technology (Sweden). He received his PhD from the UZH, where he performed research on human motor control and robotics. In 2014 he joined ETH. His main scientific interests are in motor control and learning, and rehabilitation.

