

Long Night of Research at the Ars Electronica Center

Friday, April 4, 2014 / 5-11 PM

(Linz, April 3, 2014) The Long Night of Research will be staged throughout Austria on Friday, April 4, 2014. An extensive program of presentations and guided tours awaits visitors both young and old at the Ars Electronica Center beginning at 5 PM. Among the highlights is a rare, behind-the-scenes look at what goes on at the Futurelab, Ars Electronica's in-house R&D lab. Visitors can experience what rock shows of the future will be like, and behold amazing choreographed quadcopter performances that have been getting rave reviews worldwide. Plus, there'll be guided tours that focus on leading-edge issues like synthetic biology and data security online. Rounding out the evening are 3-D flights through the universe in Deep Space. Admission is free of charge.

What will the rock show of the future look like?

5:30 PM / Speech in English / Duration: 25 minutes

What sorts of audience interaction at music & dance performances are being made possible by new technologies such as tracking systems, laser scans and 3-D avatars? Kristefan Minski of the Ars Electronica Futurelab presents the latest interdisciplinary research on participation scenarios in the field of live entertainment, and shows which technologies are already available to impresarios right now.

What if pixels could fly?

6:30 PM / Duration: 25 minutes

What's the secret behind the colorful lights you occasionally see in Linz's airspace? What's a quadcopter and how do you pilot a whole squadron of these flying objects? Andreas Jalsovec of the Ars Electronica Futurelab will provide an overview of the fascinating R&D work that went into the Spaxels project, discuss the technical, political and artistic issues it entails, and show pictures taken at appearances worldwide.

What happens in the Ars Electronica Futurelab?

7:30 PM / Duration: 25 + 30 minutes

What if a swarm of flying robots could paint pictures in the sky? How do you transform an airport into an interactive work of art? Veronika Pauser and Peter Holzkorn will present projects created in the Ars Electronica Futurelab. As a special added attraction, they'll give a guided tour of areas that are usually off-limits to the general public.

Does your DNA belong to me?

Every half hour beginning at 5:15 PM / Duration: 25 minutes / Last tour at 10:15 PM

Visitors can take a guided tour of the "Project Genesis: Synthetic Biology - Life from the Lab" exhibition and obtain startling insights into the field of synthetic biology that's making it possible to custom-tailor living organisms. But what are the consequences of doing this?

With queries, please contact

Christopher Sonnleitner
Tel: +43.732.7272-38
christopher.sonnleitner@aec.at
www.aec.at/press

Can we still use the internet without a care?

Infostation 5-11 PM / Tours through the “Out of Control” exhibition at 6:35, 7:35, 8:35 and 9:35 PM / Duration: 25 minutes

What’s the deal with the security of your data while you’re making your rounds through the internet? Experts from the Upper Austria University of Applied Sciences’ Hagenberg Campus will answer your questions about security when you surf the Web and send e-mails, and they’ll also give tips about how to better protect your privacy when you’re online.

How big is our Universe?

Every hour on the hour / Duration: 25 minutes / Last presentation at 10 PM

Interactive 3-D flights through outer space will be blasting off at the Ars Electronica Center’s Deep Space. The 16x9-meter wall & floor projection surfaces enable visitors to explore the incredible dimensions of the universe in breathtaking visualizations.

Ars Electronica Center: <http://www.aec.at/news/en/>

Ars Electronica Futurelab: <http://www.aec.at/futurelab/en/>

Upper Austria University of Applied Sciences’ Hagenberg Campus: <http://www-en.fh-ooe.at/hagenberg-campus>

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