

# Future Laboratory CreaLab

## Annual report 2015

### Research projects 2015

#### 1. Future Forum Lucerne 'Glocality'

(Project Managers: J. Meissner, J. Harboe)

The Future Forum Lucerne 2015 "Glocality Re-visited – Co-creation between Local and Global Spaces" organized by the interdisciplinary group of the Future Laboratory CreaLab focused on practice challenges dealing with integration, translation and interaction between the global and the local – providing many opportunities for the participants also to use their ideas and imagination.

During the three-days-event, participants from business, architecture, management studies, informatics, tourism industry and many more joined the FFL 2015 to learn new methods for problem solving and working on real-life challenges given by the FFL business partners.

The Forum 1 at the Messe Luzern was divided into three areas: a lounge for networking, the think-space for listening and discussing and the workspace with the 3D printers and worktables for modelling and prototyping of ideas.

#### The Fair Booth of the Future

(Project Manager: J. Meissner)

The Fair of Lucerne has developed a vision to not only support their customers with a standard fair infrastructure but also with a service which supports an integrated Fair presence of customers. In cooperation with the Future Laboratory CreaLab, a CTI funded project took place from September 2014 to February 2015 to develop a concept for the fair booth of the future. The concept included ideas for a service which helps customers developing and implementing a fair presence that is of high quality and the same time cost efficient.



#### Meet2Create – Laboratory for Collaboration

(Project Manager: S. Amstutz)

The EMPA planned a new test building named "Nest" located in their unit in Dübendorf. A high installed backbone made from cement served as a container for modular built research units. The units are specifically developed according to the research question and then placed into the spine. In these units people should live, work and enjoy their free time. The CCTP was the leading institution for developing the unit Meet-2Create and responsible for the conceptualization, the implementation and the monitoring of the work environments for the researchers in the unit. Besides developing a functioning operation of the office, the team that developed the unit Meet2Create also used it as a laboratory for interdisciplinary research on the topic of working environments.

#### Classic Vision culture schedule

(Project Managers: B. Minder, C. Larbig)

The project Classic Vision was a feasibility study for an online platform for classical music. The concept of the research project was mainly to identify the necessary elements and functions of a streaming and exchange platform. An example of a requirement is the demand to differentiate the platform from other offers. Classic Vision identified dominant differences looking at the fundamental idea of the project.



### Mobile Living & Working

(Project Managers: S. Amstutz, C. L. Schuchert)

The main idea of the project is to develop sustainable rooms for temporary living and working. These rooms should be built cost efficiently, they must be set up and taken down again in only 2 to 3 days. Furthermore, it should be possible to transport them with a truck. The architectural goal conflict is to create an "IKEA-like" product that is not only cost efficient but also cost efficient! for the producer, ecologically sustainable and very appealing concerning the design for members of the creative economy. In the project, the spatial and economic feasibility is tested and a concept is developed to realize this idea.

### Flexible New Work Environment

(Project Manager: J. Meissner)

The project which was mandated by the TA Swiss analyses the significance of employment, the development of new types of work including legal regulations and the economic impact. Looking at the job design in companies, flexibility and independence are becoming more and more important. The use of modern ICT and the structuring of relationships between social partners has a major impact on the job design. The objective of the project was a detailed analysis of the potential risks and opportunities of the development of the flexible working environment. The final conclusion produced a recommendation in form of a scientific documentation which is available to decision makers.



### Education and vocational training

CreaLab organises and offers a variety of events for educational and vocational training every year. Students from all departments of the Lucerne University of Applied Sciences and Arts (LUASA) as well as interested external practitioners and partners can participate in the CreaLab events.

### Social Lab: Design Thinking for Social Innovation

(Project Managers:

M. C. Jakob, C. Larbig, B. Minder)

The interdisciplinary module Social Lab in the Bachelor educational program at the LUASA searches for new practice orientated solutions for the problems of social enterprises. The social innovations develop In this module are designed for being put immediately into practice by partners from the Not-for-Profit sector. The starting points are concrete social-economic challenges which companies and organizations are faced with. The developed solutions are tested by interdisciplinary student teams in the Social Lab using the Design Thinking method including early prototyping.

### 4th CreaLab Summer School: Allmende – tragedy or romance

(Project Managers: M. Doerk, C. L. Schuchert)

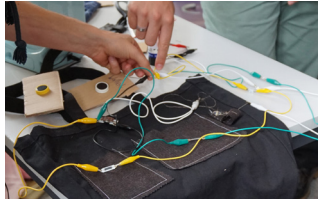
The purpose of "Allmende" goes centuries back to the tradition of collective use and accessible resources. Nowadays the question arises, which meaning the "Allmende" in Switzerland has to the society? Is the current purpose only for use of fairs and events "from the region for the region"?



And what about the free accessible resources, public goods and commons in a global economy? 30 experts and students explored the questions during the fourth CreaLab Summer School from the 24th to the 28th August 2015. Following questions were covered:

- Living Allmende – rooms and places for persons and stories
- Digital Allmende – open access/co-creation vs. value/responsibility
- Learning (from) Allmende – sustainable -principles for economic models
- Training for Allmende – sport and recovery for the community.

Besides researching, documenting and interpreting, one of the main tasks was questioning and observing different touch points that bring citizens to use Allmende facilities. Visions and users for the future 'Allmende' were elaborated. At the same time students were working on solutions of specific challenges from practice and worked out answers with companies and organizations using explorative workshops. The students used workshop methods provided by the online platform "bcreate.ch". The findings of the Summer School were presented at a public conference and summarised in a working paper.



### “MAS Community, City and Regional Development” (Project Manager: P. Wolf)

In the MAS Community, City and Regional Development, participants professionally develop interdisciplinary and integral approaches and methods. In addition, participants design processes for communities, cities and regions. Finally they face variegated and big challenges such as the internationalization of the economy, technological change, increasing mobility and deep social transformations such as the individualization and demographic change.

Experts from the Future Laboratory Crealab introduced the topics of open knowledge-exchange in virtual and regional communities and the concept of Guerilla Urbanism. This triggered great interest of and lively discussions amongst the participants.

### Design Thinking Week in Nottingham

(Project Manager: C. Larbig)

The intensive design thinking week “Innovation & Creativity” took place at the Nottingham Trent University in August 2015. The future has come along in the medieval influenced city. Amongst other fields, the Nottingham Trent University conducts research in electronic textiles which are so called “wearable technologies”. Apart from Google glasses and smart watches we will wear intelligent clothes in near future. This technology will be able to measure body functions and report or solve problems. Sitting freezing in old long underwear without any tools to manage daily stress in Major Oak like once Robin Hood did is soon going to be history.

### Coachings and Workshops

Crealab strives for supporting companies or organisations by critically analysing their working cultures and allowing more creativity in their daily routine. The focus of the workshops and coachings is on leveraging personal experiences in dealing with innovation and creativity methods.

### Trends in the office world

(Project Managers: P. Wolf, C. L. Schuchert)

The staff from the sales and the architecture department of the company Witzig The Office Company (WTOC) worked on current trends from the future office world in a Crealab-Workshop in Neubad Lucerne. The question was: Who and how will WTOC customers work in the future and what does this mean for the future of WTOC? C. Lars Schuchert looked retrospectively at the office world in his presentation and described how the architectural organization of work has an impact until today. Afterwards Patricia Wolf presented recent mega trends from the office world, the staff from WTOC examined the potential effects of trends such as mobility of employees, autonomous cars, the use of public places for work or the use of fix working places.

In the second half of the event, crafting skills were demanded. Following the slogan “tradition vision”, physical hands-on prototypes of future products were created.

### Innovation method workshops

(Project Managers: M. Doerk, U. Gaudenz)

Organizations see an increasing importance to develop and implement ideas which cross the boundaries of departments and fields in an interdisciplinary way. The challenge is to choose and combine innovative methods which fit the team and objectives. The workshop starts with an introduction and the process of generating ideas in interdisciplinary teams. Afterwards the participants learn about the method platform becreate.ch and they become familiar with the difference between association, confrontation and combination methods. The participants test which method should be used under which conditions (time consumption, group size, materials needed). Following this, the methods are combined and tested on current challenges which are introduced by the participants.

Through this, insights about both the individual methods and about the approach of developing innovative ideas are gained. The innovation methods platform is online since summer 2015: [www.becreate.com](http://www.becreate.com)

### World Ornamental Forum II

(Project Manager: J. Harboe)

The second World Ornamental Forum (WOF) took place from the 23rd to the 24th April 2015 in the Kirchner Museum in Davos. The WOF investigated the conditions necessary for change. WOF used the “ornament” as means for the encounter, exchange and new questions amongst the participants. The ornamental connected to art, architecture and research and combines decoration and ethics. The WOF is a

compiled gesture which visualizes an economy in aesthetics in order to identify present paradigm shifts concerning practice.

The WOF run an intermediate review of its own status in 2015. The participants discussed, wrote and exchanged experiences about the WOF 2014 and prepared themselves for the upcoming WOF 2016 using proto-calls based upon their own protocols. This presentation in the Kirchner Museum in Davos made it possible to produce a wide variety of approaches and reflections which is available online. The WOF 2016 will take place 4th to 8th May and has the topic "The development of local work".

#### Presentations and publications

The CreaLab core team members held several public presentations at different national and international events during 2015, such as:

The main focus of the **Future Day 2016** organised by the zukunftsInstitut GmbH in Frankfurt am Main at 23rd June 2015 were trends and changes which will strongly impact our future community. The presentation of Christine Labrig focused on the crises of CreaLab which occurred during its journey towards a Spin-Off. The key message of the presentation was to use and understand crises as opportunities which help further innovating and transforming the own form.

At the second conference "**WORK 2015 – New Meanings of Work**" in Turku, Finland at 21st August 2015, Ute Klotz made a presentation about the topic "sense and no-sense of virtual work". The emphasis of the presentation was on the topic of crowdworking. Furthermore, the type of work from the point of view of crowdworker was tested using numerous criteria and assessed for meaningfulness and significance.

At the international conference "**Next Generation Business Models**" in the Hanze Hochschule, Groningen (NL), Julie Harboe showed how the collaborative work and the development of the

Future Laboratory CreaLab and the Spin-Off interspin CreaLab effects the research, education and the business module. The interdisciplinary insights were put into action in a workshop on the 2nd October 2015.

During the "**Future of Working**" Lucerne congress, Jens Meissner gave a keynote speech about the topic "Great new working world?" on the 3rd December 2015 in the Verkehrsmuseum Lucerne in Switzerland. He illustrated the fundamental concepts and current developments in the area of modern organizations and identified problems. Through flexible leadership relations it is possible to react to the constantly changing and often conflicting conditions.

#### Science Fiction short stories

As educated and curious people, we are all interested into the near future. At best, we would love to know everything about it, at worse we want to make changes today and now. But we can't do both at the same time.

However, what we can do is to think about the future in science fictions stories. Fifteen core team members of the Future Laboratory CreaLab have described a possible future in science fiction short stories. The megatrends of the zukunftsInstitut were used as a basis. The result is a small booklet which can be purchased at Books on Demand. The revenue will be used for new research projects. Thanks to all who support us, and enjoy reading.

The booklet "Zukunftsgeschichten" with the ISBN 978-3-7386-5668-8 can be purchased at BoD publisher Bushop, ExLibris, Buch.ch, Google Books, Amazon. In 2016, an English version will be edited.

#### Working methods

CreaLab's 19 core team members work at different departments of the LUASA (Management, Engineering & Architecture, Design & Arts, Social Work, Informatics and Music). The team regularly meets up for discussing current development and projects of the Future Laboratory CreaLab. On top of that, CreaLab also works with students across all the departments, introducing them to innovative working methods and integrating their fresh and ambitious ideas. Practice partners also influence the trans- and interdisciplinary and practice oriented working style of CreaLab.



The core team established the spin-off association 'interspin CreaLab' in February 2015. Its purpose is to emphasise (even) more on developing, testing and applying practical methods. The interspin CreaLab supports organisations from the private and public sectors in developing appropriated solutions for dealing with complex future challenges. interspin CreaLab is interspinish: it moves (spins) dynamically between practice, research and society. [www.interspin.ch](http://www.interspin.ch)

More information is available at the CreaLab blog: [blog.hslu.ch/crealab](http://blog.hslu.ch/crealab)