



# COMMUNITY BUILDING WORKSHOP PROGRAM

September 12-13, 2017

Hasso Plattner Institute (HPI), Campus II

August-Bebel-Straße 88

D-14482 Potsdam

Followed by d.confestival (September 14-16, 2017)

Hasso Plattner Institute (HPI), Campus I

Prof.-Dr.-Helmert-Str. 2-3

D-14482 Potsdam



**TUESDAY, SEPTEMBER 12**

*Pavilion @ Campus II (Building E)*

6:00pm BBQ @ HPI

**WEDNESDAY, SEPTEMBER 13**

*ProSpace @ Campus II (Building E)*

8:30am *Arrival and Breakfast*

9:00am Welcome and Opening Remarks Larry Leifer & Christoph Meinel

9:30am Getting Started (Recap NY – Outlook d.confestival) Warm Up Claudia Nicolai & Martin Schwemmle

10:00am– 10:45am Research Talk Session I

- Priming Team Diversity to Improve Ideation (PI: Erin MacDonald)
- Redesigning the MEDICAL REPORT experience: Probing Design Thinking on High-Stake Tasks In Bureaucratic, Hierarchical Organizations (PI: Christoph Meinel)
- Design Thinking Pain Management: Tools to improve human-centered communication between patients and providers (PI: David Pickham)

10:45 – 11:15 am *Book Presentation / Group Photo / Break*

11:15 – 12:15 am Research Talk Session II

- Creative Spaces in Innovation Processes – Understanding, Measuring, and Assessing the Impact of Space on Innovation Performance (PI: Claudia Nicolai, Uli Weinberg)
- Mapping and Measuring Impact of Design Thinking in Organizational Environments (PI: Sheri Sheppard, Bernard Roth)
- Visual Diagnostics for Design Thinking Teams (PI: Larry Leifer)
- Joint Proposal: Visual Diagnostics for Design Thinking (PI: Claudia Nicolai, Uli Weinberg)

12:15 – 12:45 am Challenge-Meet up I



12:45 am - 1:45 pm	<i>Lunch Break</i>	
1:45 - 2:15 pm	Warm up + Activity – Research Profiles	Lena Mayer
2:15 - 3:00 pm	Research Talk Session III <ul style="list-style-type: none"><li>• Can Design Thinking Improve Programming? Exploring Means to Grow a Shared Vocabulary Between Programmers and Domain Experts (PI: Robert Hirschfeld)</li><li>• Embedded and Embodied Design of Ubiquitous Robot Interaction (PI: Sean Follmer)</li><li>• Evaluating Scrum and Design Thinking in Practice (PI: Matthias Uflacker)</li></ul>	
3:00 - 3:30 pm	<i>Coffee break + Warm up</i>	
3:30 - 4:15 pm	Research Talk Session IV <ul style="list-style-type: none"><li>• Design Thinking at Scale III: Supporting expertise development through online learning units (PI: Christoph Meinel)</li><li>• Human-Centered Research at Crowd Scale (PI: Michael Bernstein)</li><li>• ParaPower: Evaluating Parallel Prototyping Tools and Practices for Novice Designers (PI: James Landay)</li></ul>	
4:15 - 4:45 pm	Challenge-Meet up II	
4:45- 5:00pm	Outlook: Design Thinking Research Lab @ d.confestival	
5:00 pm	<i>Break</i>	
5:30pm	Departure to Museum Barberini (Bus shuttle from Campus (August-Bebel-Straße))	
6:00pm	Guided Tour at <a href="#">Museum Barberini</a> : "From Hopper to Rothko: America's Road to Modern Art"	
7:15pm	<i>Dinner in central Potsdam, (next to the Museum)</i> Restaurant Waage, Am Neuen Markt 12, 14467 Potsdam	



**OVERVIEW**

**THURSDAY, SEPTEMBER 14**

*d.confestival @ Campus I (morning/evening: circus tent, afternoon: research lab)*

- 8:30am *Registration & coffee*
- 10:00am – 1:00pm Welcome, d.note, discussion round
- 1:00 – 2:00pm *Lunch*

<b>Research Lab</b>		
2:00 – 2:30pm	Opening / Research Lab Tour	
2:30 – 4:00pm	<b>Workshop: Towards More User-Centred Collab Spaces at openHPI</b>	Hanadi Traifeh & Thomas Staubitz
5:00 – 6:00 pm	<b>Hot Topics in Design Thinking Research and Practice #1</b>	
	Creating Cultures of Innovation in Far Away Lands	Jonathan Edelman
	How do we continue learning in organizations	Lena Mayer
6:30 – 7:00pm	HPDTRP Reflection: I like – I wish	

7:30 - 11:00pm *Reception: 10 Years HPI School of Design Thinking*



**OVERVIEW**

**FRIDAY, SEPTEMBER 15**

*d.confestival @ Campus I (research lab)*

8:30am *Registration & coffee*

10:00am *d.note (tent)*

<b>Research Lab</b>		
11:00am- 12:00 am	<b>Hot Topics in Design Thinking Research and Practice #2</b>	
	The Workplace of the future	Marie Klooker
	Assessing the impact of design thinking in academic and real world contexts	Adam Royalty
12:00am – 1:00pm	<b>Workshop: The Impact of Work Spaces – Leveraging an Under-Used Organizational Resource</b>	Martin Schwemmle
1:00 – 2:00pm	<i>Lunch</i>	
2:00 - 4:00pm	<b>Workshop: Research as Design</b>	Adam Royalty & Anja Svetina Nabergoj
5:00 – 6:00pm	<b>Hot Topics in Design Thinking Research and Practice #3</b> <b>Participants' choice</b>	
6:30 – 7:00pm	Research Lab Reflection: I like – I wish	



## DETAILS

**Thursday, September 14:**

2:00 – 2.30 pm

### Lab-Tour

Enjoy a tour through the lab, explore the exhibition and artefacts and meet the design thinking research crowd.

2:30 – 4:00 pm

### Workshop: Towards More User-Centred Collab Spaces at openHPI

Hanadi Traifeh, Thomas Staubitz

Our research project is about exploring options to improve the functionalities of the openHPI platform's *Collab Space* feature. Our goal is to enable teams to collaborate more efficiently and to support them on their learning journey. We aim to improve the 'user friendliness' and 'user centeredness' of openHPI's *Collab Space* feature by following the Design Thinking framework. As a first step, we have been conducting semi-structured interviews with active course participants of the platform, and observed their activities within the *Collab Spaces*. Based on the first findings, we assume that introducing short videos that explain the basics of the 'How to use the Collab Space' and 'How to get started with team work' may improve the positive interaction among team members. Furthermore, we intend to introduce a Calendar/Doodle-like tool to support teams in organizing their meetings and activities. Several users have expressed their dissatisfaction about wasting time when getting the whole team agree on one time to call or do an activity. We intend to test these hypotheses with prototypical implementations of these features in the proposed workshop. Ideally, the workshop participants will form two teams whose members are unfamiliar with openHPI's *Collab Spaces*. We will observe them while they are working in teams before and after showing them the video.

Furthermore, we will collect their feedback on a paper prototype of the calendar tool. We are positive that the feedback and data that we will collect will support our research and take our initial results to the next level.



5:00 – 6:00 pm

**Hot Topics in Design Thinking Research and Practice #1**

**Creating Cultures of Innovation in Far Away Lands**

Jonathan Edelman

**How do we continue learning in organizations**

Lena Mayer

Get involved in active discussions about hot topics in Design Thinking that matter to you and us. Our researchers are curious to hear your opinion and learn more from you! Our research community identified several “hot topics” around Design Thinking and invite you to join the discussion in moderated sessions of 45 minutes with up to eight people per topic. Additional “hot topics” and “burning questions” will be collected from visitors at d.confestival who are then invited to host a session themselves. This is your platform to not only share your knowledge and opinion but also to connect to those you may want to continue the discussion with throughout the d.confestival and beyond.

**Friday, September 15:**

11:00 – 12:00 am

**Hot Topics in Design Thinking Research and Practice #2**

**The Workplace of the future**

Marie Klooker, HPDTRP-Researcher

**Assessing the impact of design thinking in academic and real world contexts**

Adam Royalty, HPDTRP-Researcher

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12:00 am – 1:00 pm

**Workshop: The Impact of Work Spaces – Leveraging an Under-Used Organizational Resource**

Dr. Martin Schwemmle, HPDTRP-Researcher

Despite the acknowledged impact of the work space for satisfaction, productivity, motivation, and creativity of individuals, teams, and organizations, both researchers and practitioners lack a clear framework that is able to explain the conceptualization of space and its effects. Using Concept Mapping and Design Thinking, this workshop builds on participants' knowledge and experience as experts and users. Based on three steps, it guides participants through a process and generates a concept map on work spaces and their influence and further gives opportunities to iterate this map. Participants not only gain new insights on the topic under research, but also experience Concept Mapping and Design Thinking techniques in use.

2:00 – 4:00 pm

**Workshop: Research as Design**

Adam Royalty, HPDTRP-Researcher

Anja Svetina Nabergoj, Hasso Plattner Institute of Design at Stanford

Description: In this hands-on, interactive, experimental we will introduce design thinking tools and mindsets into scientific research and help researchers get more creative, better tolerate ambiguity, embrace experimentation and take risks and most importantly, take a proactive role in being designers of their own research experience during PhD journey and beyond.

5:00 – 6:00 pm

**Hot Topics in Design Thinking Research and Practice #3**

**Participants' choice**

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