ReCyP:HER

Rethinking Cybersecurity in Pakistan- Human factors' Essential Role

Meeting Agenda

26th September 2022 – 27th September 2022

Lahore University of Management Sciences, Lahore Campus

26th March (Monday)

Location: CS Smart Lab, SBASSE Building

Time	Topic	Moderator(s)
08:45	Welcoming Remarks by the Provost Dr. Tariq Jadoon	
09:00	Welcome Remarks and Address by Dr. Katharina Krombholz	
09:45	Research Marketplace **Career Paths of Graduates**	Matthias Fassl
10:15	*Refreshments*	
10:30	Presentations by Project Partners **Security in Study Programs of Partner University**	Dr. Nida Bajwa
12:45	*Lunch and Prayer Break*	
14:30	Open Discussion **The Future is Interdisciplinary – How can we build bridges to other disciplines?**	Dr. Katharina Krombholz
15:45	*Refreshments*	
16:00	Group Activity **Review of Job Advertisements**	Lea Gröber
16:45	Open Discussion **Interdisciplinary Competences and Human Factors – What are the missing links in current curricula?**	Matthias Fassl & Lea Gröber
17:30	Closing Remarks and Summary	Dr. Katharina Krombholz
	End of Program	

27th March (Tuesday)

Location: CS Smart Lab, SBASSE Building

Time	Topic	Moderator(s)
09:00	Address by Dr. Katharina Krombholz	
09:15	Presentations of Case Studies by Project Partners **Lessons Learned from Teaching Security**	Lea Gröber
11:15	*Refreshments*	
11:30	Open Discussion **Competences and Sustainability**	Matthias Fassl
12:45	*Lunch and Prayer Break*	
14:15	Lightning Talks and Discussion **Assessment Methods and Quality Control**	Dr. Katharina Krombholz
15:15	Research Marketplace **Fit for the International Job Market – Soft Skills**	Lea Gröber & Matthias Fassl
16:00	*Refreshments*	
16:15	Presentation of Findings and Closing Remarks	Dr. Katharina Krombholz
17:00	*End of Program*	

Program Details

Research Marketplace
Career Paths of Graduates

In the course of this activity, project partners will elicit and discuss typical career paths of students and graduates. Each institution will be provided with a flipchart and markers to draw what they think would be *typical* and *desired* career paths. Later on, project partners wander around and look at what other institutions have drawn and discuss what would be needed to ensure the desired career path for the graduates. The purpose of this activity is to get to know all project partners and to foster informal discussions about career paths and study programs at the partner institutions.

Presentations by Project Partners
Security in Study Programs of Partner University

In this session, all project partners present an overview of their study programs with an emphasis on security and privacy as well as human-factors courses.

Open Discussion
The Future is Interdisciplinary – How can we build bridges to other disciplines?

In this session, we will discuss the complexity of security and privacy challenges to explore where inter- and multi-disciplinary perspectives are beneficial to solve grand challenges. We will then generate ideas how these perspectives can be integrated into current courses and study programs. The goal is to conclude the session with action items on how the current courses can be extended.

Group Activity
Review of Job Advertisements

To complement the research marketplace session on career paths of graduates, each partner institution will review job advertisements posted in their country to find out current trends and topics of interests. They will then discuss and compile a list of topics that should be integrated in their curricula based on the current trends in the job market. Both jobs from industry and academia are reviewed.

Open Discussion
Interdisciplinary Competences and Human Factors – What are the missing links in current curricula?

To conclude the sessions from day one, we will have an open discussion on gaps in current study programs with an emphasis on human & societal factors. The idea is to come up with ideas to better link social sciences, in particular human, societal and ethical factors to ensure a multi-disciplinary perspective on cybersecurity.

| Presentations of Case Studies by Project Partners |
| **Lessons Learned from Teaching Security** |

In this session, the project partners will give short presentations of success and failure stories from teaching security and privacy-related content. Each presentation will be complemented with a short discussion. At the end of the session, a list of "lessons learned" will be compiled along with action items for improvements.

| Focus Groups |
| **Competences and Sustainability** |

In this session, groups of project partners are sitting in small groups to discuss desired competences and how sustainable education can be ensured with respect to a fast-changing, multi-dimensional field like security and privacy. Groups should also discuss frontiers of their study programs; the findings will be presented by each group at the end of the session, including the creation of a list of action items for curriculum enhancements.

| Lightning Talks and Discussion |
| **Assessment Methods and Quality Control** |

Quality control is essential to ensure that skills are adequately taught. In this session, project partners are encouraged to give lightning talks on assessment methods that are used at their institution. After these lightning talks, we conduct focus groups to discuss how reliable these methods are and discuss how they can be improved and standardized for better comparison across institutions.

| Research Marketplace |
| **Fit for the International Job Market – Soft Skills** |

To foster a discourse on competences beyond technical and interdisciplinary skills, we will revisit the career paths (drawn on flipcharts during the first session on day 1) and discuss which soft skills are needed to adequately present graduates on the international job market. We will also discuss how institutions can mentor and support graduates in making decisions on their national or international careers.