

Life@Lab – Horizons of AI Research in Higher Education // Timetable

Day 1 - Wednesday, January 24, 2024

	Time	Topic			
(60min)	9:30 – 10:30	Registration (+ Coffee)			
(15min)	10:30 – 10:45	Welcome Session with Thomas Köhler			
(45 min)	10:45 – 11:30	Short Organizational Issues & Introduction to the symposium			
(15min)	11:30 – 11:45	Coffee break (informal exchange)			
(30min)	11:45 – 12:15	Plenary Session & Discussion by Heinz-Werner Wollersheim <i>“AI, Learning, Education – Opportunities, Challenges, Limitations”</i>			1 Topic
(5min)	12:15 – 12:20	Room change			
(60min)	12:20 – 13:20	Breakout 1	Breakout 2	Breakout 3	6 Topics
		Topic 1 Ulrike Lucke <i>“Potential and Challenges of Integrating AI Tools with Campus Infrastructure”</i> Topic 2 Heinz-Werner Wollersheim <i>“Make Mentoring Scalable in Higher Education. The Collaborative Research Project Tech4compKI”</i>	Topic 1 Sandra Hummel, Mana-Teresa Donner, Abbas Syed Hur & Gitanjali Wadhwa <i>“Smart Companions: Creating AI-based Study Buddies for Personalized Learning”</i> Topic 2 Chi Ziesmann <i>“Breaching the borders in AI: Meet China as a scientific cooperation partner from a cultural perspective“</i>	Topic 1 Wissam Tawileh <i>“Enhancing Virtual Mobility: Utilizing Generative AI to Support Arab University Students”</i> Topic 2 Tri Wahyuni Floriasti <i>“Designing an AI-Inclusive Learning App Overcoming Higher Education Obstacles for Students with Visual and</i>	

				<i>Impairment and Hearing Impairment in Indonesia."</i>	
(5min)	13:20 – 13:25	Room change			
(50min)	13:25 – 14:15	<p>Keynote by Christopher Dede, Harvard University (Online + Livestream / Time Zone CET)</p> <p>“Reimagining Higher Education with Artificial Intelligence”</p> <p>The global economy is moving into an era of Intelligence Augmentation (IA). Science fiction often portrays “intelligence” as involving complementary roles of reckoning and judgment. For example, In the Star Trek series the judgment and decision making of ‘Captain Picard’ are enhanced by the reckoning skills (calculations, analysis of multidimensional information, predictions) of the android ‘Data’, a machine without human capacities like emotions. The human and machine work synergistically together to be better than their individual abilities. In the next few years, most occupations will shift to require working with a generative AI-based agent that has complementary skills and knowledge to the human worker. This talk will discuss what types of learning are most valuable for college and university students to prepare for these IA interactions in work and life, and what role AI tools can play in helping faculty to develop these skills.</p>			
(60min)	14:15 – 15:15	Lunch Break			
(60min)	15:15 – 16:15	Workshop 1	Workshop 2	Workshop 3	3 Topics
		<p>Topic 1</p> <p>Stefan Müller</p> <p><i>“Schulungen für den Einsatz von KI in der Hochschullehre – Potentiale, Motivation und Bedenken“</i></p>	<p>Topic 2</p> <p>Claudia Loitsch</p> <p><i>“Mental Health During Studies and AI-Supported Resource Optimization”</i></p>	<p>Topic 3</p> <p>Julia Möller-Klapperich</p> <p><i>“Legal policy workshop: what to expect from AI-Regulation?”</i></p>	
(20 min)	16:15 – 16:35	Coffee break			

(60min)	16:35 – 17:35	Panel Talk with Thomas Köhler, Dirk Ifenthaler & Birte Platow “The role of AI in University teaching”	
(50min)	17:35 – 18:00	Walking / Taking a bus to dinner location	
	18:00 – 21:00	Get2gether: Dinner Location: http://navigator.tu-dresden.de/etplan/bss/07/raum/334207.0240 Strehleener Str. 22-24, 01069 Dresden (13-minute-walk from Open Science Lab) - Conference room, floor #7 (ideally use the right of the entrances to the building)	

Day 2 - Thursday, January 25, 2024

Time	Time		
(30min)	09:00 – 09:30	Registration / Organization (+ Coffee)	
(10min)	09:30 – 09:40	Morning briefing	
(60min)	09:40 – 10:40	<p>Keynote by Dirk Ifenthaler, University of Mannheim and Curtin University (Livestream; Time Zone CET)</p> <p>“From Discourse to Action: Navigating AI’s Role in Higher Education“</p> <p>The public discourse often concerns the potentially disruptive influence of artificial intelligence (AI) on higher education. However, research and practice in education are behind in unlocking the full potential of AI compared to other disciplines, such as business or health. AI’s theoretical application options in higher education are numerous, including recruitment and admission, personalised and adaptive learning support, automated grading and feedback, academic integrity, curricular planning, as well as quality assurance.</p> <p>Instead of the replacement and substitution by technology and automation, it is becoming increasingly important to understand better systems and approaches in which educational stakeholders and AI tools build upon each other’s complementary strengths to achieve educational</p>	

		<p>outcomes and improve mutually. Thus, the importance of 'humans in the loop' is becoming a central tenet of educational AI. Yet, realising the full potential of AI in higher education necessitates concerted efforts from stakeholders – students, educators, policymakers, technologists, and researchers - to collaborate, innovate, and navigate the evolving ethical and pedagogical considerations related to AI in higher education. This presentation will critically reflect on current developments of AI in higher education and present conditions for successful implementation of AI in higher education.</p>		
(10min)	10:40 – 10:50	Room Change		
(60min)	10:50 – 11:50	Breakout 1	Breakout 2	4 Topics
		<p>Topic 1 Jakub Kuzilek <i>"Project IMPACT – Journey through Implementation of Trusted Learning Analytics AI-based assessment feedback in Higher Education"</i></p> <p>Topic 2 Michael Kopp <i>„Redefining Academic Success: The Future of Student Achievement in the Age of Artificial Intelligence"</i></p>	<p>Topic 1 Mohammad Al-Smadi <i>"Global Strategies in Academia: Navigating the AI Revolution in International Higher Education"</i></p> <p>Topic 2 Birte Platow, Martin Kutz <i>"Tandem teaching 2.0 – On new models of the teaching profession in the cooperative teaching of AI and humans"</i></p>	
(20min)	11:50 – 12:10	Coffee break (informal exchange)		

(60min)	12:10 – 13:10	Prospects and perils: Participants' future visions of AI and Higher Education (interactive session) Marilisa Herchet	
(60min)	13:10 – 14:10	Lunch	
(60min)	14:10 – 15:10	Panel Talk with Thomas Köhler, Mohammad Al-Smadi and Wolfgang Nagel “Strategic directions – the Future of Higher Education”	
(20min)	15:10 – 15:30	Closing Session	