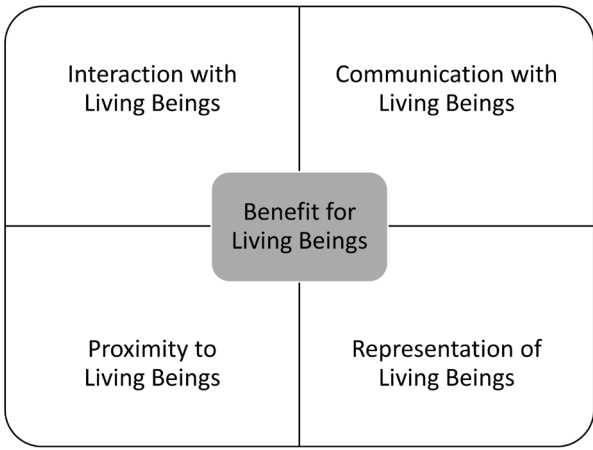
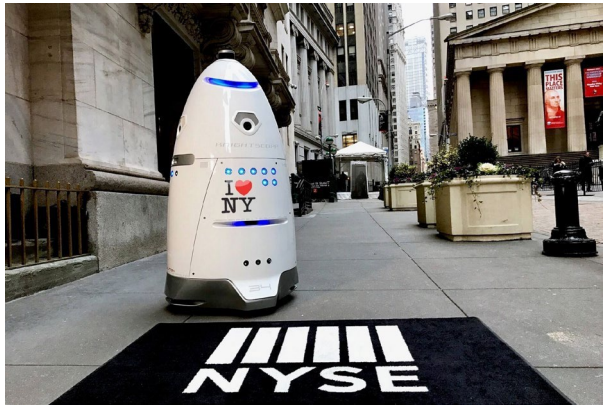




Interview X, Prison Director/Staff/CDO


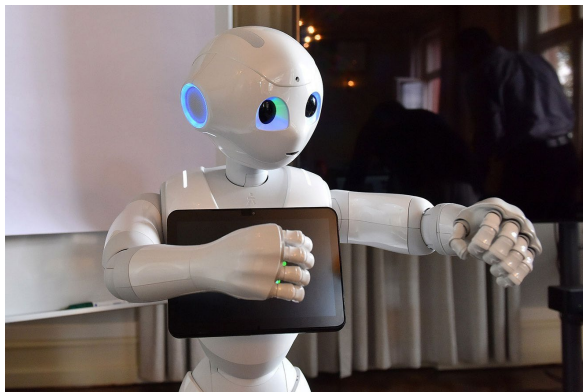
Interview with Mr./Mrs. xyz, xy.xy.2024, approx. 00.00 - 00:00 h



	<u>A. Basic concepts and questions about robots</u>		<u>Answer</u>
A1	Narrative-generating question	Robots are sensorimotor machines that augment the human ability to act. A rough distinction is made between industrial and service robots. Artificial Intelligence is increasingly being integrated into robots. What is your opinion on robots?	
A2	Narrative-generating question	<p>For us, social robots are robots that are created to interact with people and animals. They can be defined using five dimensions (see Illustration).</p>  <p>What do you associate with a social robot?</p>	
A3	Open question	Which social robots do you know? Which companies or research institutions do they come from? Or from which science fiction films and books?	
A4	Narrative-generating question	For us, service robots are collaborative robots that - outside of industry - work hand in hand with humans on a task, or autonomous robots for certain services. They often have cameras and sensors and are mobile. Some have social features such as eyes (with expressive capabilities). What do you associate with a service robot?	

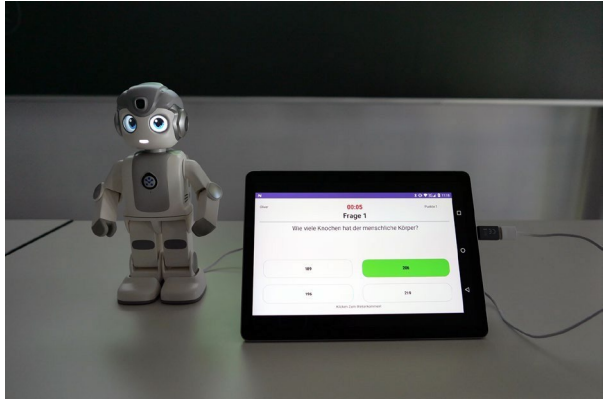

A5	Open question	Which service robots do you know? From which companies or research institutes do they originate? Or from which science fiction films and books?	
	<u>B. Questions about the Swiss prison as an organization</u>		<u>Answer</u>
B1	Narrative-generating question	Prisons are barely visible in our society and are hardly an issue. What is your impression?	
B2	Question of fact	As a prison, do you have certain cost-saving constraints?	
B3	Question of fact	Do you have a digitization strategy, and if so, what does it relate to?	
B4	Question of fact	Has automation or robotization in particular been an issue in prisons so far - at a political level or with other responsible parties?	
B5	Question of fact	What is the main purpose of prisons in Switzerland? Is there a difference to the EU?	
B6	Question of fact	How are detainees accommodated? In single cells or with multiple occupancy? Depending on the offense?	
B7	Question of fact	What do prisons typically look like in spatial and structural terms (walls, cells, visitor areas, common rooms, workshops, kitchens)?	
B8	Question of fact	What is the distribution of inmates in mixed prisons?	


	<u>C: Questions about robots in Swiss prisons</u>		<u>Answer</u>
C1	Narrative-generating question	What ideas do you have about robots in prisons? Which robots do you have in your mind's eye, which areas of responsibility?	
C2	Scale question (1-5)	How likely is it that social robots will become common "standard devices" in prison in ten years/twenty years?	
C3	Scale question (1-5)	How likely is it that service robots will become common "standard devices" in prison in ten years/twenty years' time?	
C4	Question of fact	Is there an infrastructure for robots in the prison (elevators, ramps, power connections, separate rooms)?	
C5a	Open question	<p>Establishing security</p> <p>Security robots recognize and report anomalies and log events. They are the most frequently reported and researched robots in prisons. At night, integrated night vision devices could provide increased security.</p>  <p>Can security robots be used in prison, and if so, in what way?</p>	
C5b	Open question	Should security robots be used in prisons, and if so, in what way?	

C6a	Open question	<p>Implementation of cleaning measures</p> <p>Cleaning robots carry out dry and wet cleaning of floors, surfaces and objects. They would be able to keep the long corridors and communal areas in the prison clean.</p>  <p>Can cleaning robots be used in prisons, and if so, in what way?</p>	
C6b	Open question	<p>Should cleaning robots be used in prisons, and if so, in what way?</p>	
C7a	Open question	<p>Implementation of transports</p> <p>Transport robots are mobile, open or closed systems. They could be used in prisons to transport clothing, food, etc. from wing to wing.</p>  <p>Can transportation robots be used in prison, and if so, in what way?</p>	
C7b	Open question	<p>Should transport robots be used in prisons, and if so, in what way?</p>	

C8a	Open question	<p>Support for work in the kitchen</p> <p>In the kitchen, catering robots are used as kitchen aids to carry out standardized routine work as well as the preparation and cooking of sauces, soups and menus. There are also transport robots for transporting containers and food/drinks.</p>  <p>Can catering robots be used in prison kitchens, and if so, in what way?</p>	
C8b	Open question	<p>Should catering robots be used in prison kitchens, and if so, in what way?</p>	
C9a	Open question	<p>Implementation of educational measures</p> <p>In education, social robots are used as learning partners. They use their displays or natural language skills. In prisons, they could convey any content, including languages.</p>  <p>Can robots be used as learning partners in prison, and if so, in what way?</p>	
C9b	Open question	<p>Should robots be used as learning partners in prison, and if so, in what way?</p>	

C10a	Open question	<p>Ensuring health</p> <p>Various robots are used in the healthcare sector. They measure fever, monitor the onset of illness, activate movement or help to combat loneliness or be sexually active.</p>  <p>Can robots be used in the healthcare sector in prison, and if so, in what way?</p>	
C10b	Open question	<p>Should robots be used in the healthcare sector in prisons, and if so, in what way?</p>	
C11a	Open question	<p>Support for care and therapy</p> <p>Care robots can pick up and move things, support and accompany those in need of care and relieve caregivers of routine tasks; therapy robots can massage and activate or accompany behavioral changes. In prisons, care and therapy robots are conceivable for elderly or impaired people or for inmates with psychological problems.</p>  <p>Can care and therapy robots be used in prisons, and if so, in what way?</p>	

C11b	Open question	Should care and therapy robots be used in prison, and if so, in what way?	
C12a	Open question	<p>Verbal communication and social interaction</p> <p>Social robots can hold conversations with users and facilitate social activities. In the process, states of loneliness can be combated and social skills trained. Social robots can also serve as media for conversations with people.</p>  <p>Can social robots be used for verbal communication and social interaction in prison, and if so, in what way?</p>	
C12b	Open question	Should social robots be used for verbal communication and social interaction in prison, and if so, in what way?	
C13a	Open question	<p>Measures for reintegration</p> <p>Social robots can be used for reintegration, for example for role-playing games or for teaching practical knowledge about procedures for life in freedom.</p>  <p>Can robots be used for reintegration measures, and if so, in what way?</p>	

C13b	Open question	Should robots be used for reintegration measures, and if so, in what way?	
C14a		<p>Support in the visitor area</p> <p>In the visitor area, robots could provide information about rights and obligations and be the point of contact for all kinds of issues. They could also monitor visitors and inmates, for example with regard to drugs.</p>  <p>Can robots be used to provide support in the visitor area, and if so, in what way?</p>	
C14b		Should robots be used to assist visitors, and if so, in what way?	

	<u>D: In-depth questions on the use of robots in Swiss prisons and inmates</u>		<u>Answer</u>
D1	Open question	Do you think that inmates react differently to robots depending on the prison conditions (e.g. solitary confinement vs. open prison)?	
D2	Open question	Do you think that inmates react differently to robots because of their gender, age or ethnicity?	
D3	Open question	Do you think that inmates react differently to robots with social characteristics than to those without social characteristics?	
D4	Open question	Where in or near the prison would it be possible to house robots?	
D5	Open question	Do you think that the operation and maintenance of robots could offer a new field of activity for inmates?	
D6	Open question	Do you have any concerns about vandalism of robots?	
D7	Open question	Do you have concerns about robot hacking and other forms of manipulation?	
D8	Open question	Could the robots' cameras and sensors affect the privacy and intimacy of the occupants?	
D9	Question of fact	What tasks do inmates have in prison? Are they all allowed and willing to take on these tasks?	
D10	Question of fact	When are inmates allowed to leave their cell or go outside and to what extent?	
D11	Question of fact	How is the exchange with family members, partners and other visitors organized? Is it possible to make phone calls and visits, and if so, in what context?	
D12	Question of fact	Are the inmates' different reactions to loneliness noticeable or clearly visible, and what can they do about their loneliness, if they can do anything at all?	
D13	Question of fact	To what extent are inmates allowed to dispose of their capital? What are they allowed to order and have delivered, and what not?	
D14	Open question	Can you imagine carrying out a project with robots in prison, and if so, with which sponsors and partners?	
D15	Open question	Are there any other points that seem important to you in this context?	

Thank you very much for the interview!

Place, date and interview conduct
xy.xy.2024, Bendel/Siegmann

Contact us

University of Applied Sciences and Arts
Northwestern Switzerland
School of Business

Tamara Siegmann
tamara.siegmann@students.fhnw.ch

Prof. Dr. Oliver Bendel
oliver.bendel@fhnw.ch