

Beijing Forum 2019 Humanity and Legal Governance in the Digital Era (I)

On the morning of November 2, 2019, the first session of the panel “Humanity and Legal Governance in the Digital Era” was inaugurated in the Meeting Room No. 3, Yingjie Exchange Center, Peking University. The session was chaired by Professor Shi Zengzhi from Peking University.

The first presenter was Mariarosario Taddeo, research fellow from Oxford University, who presented on "Trusting AI for Cybersecurity: A Double-edged Sword". She analyzed the ethical challenges of AI, AI for cybersecurity, trustworthy AI, reliable AI, and proposed that humans have the responsibility for improving AI from the aspects such as the predictability, stability and controlling. She also considered that, in the area of cybersecurity, trusting AI is conceptually misleading, and may lead to severe security risks.

The second presenter was Huang Tiejun, a professor from Peking University, who presented his paper, titled "Awesome 2045—Strong AI may arrive on time". He defined strong AI as consciousness experiencing machine first, and further clarified several misunderstandings about Strong AI. He gave examples of several possible situations where AI might influence human life and proposed a theory of control. He considered that intelligent machines are important than the intelligence, and also predicted that AI will surpass humans in overall aspects.

The third presenter was Walter Scheirer, an assistant professor from the University of Notre Dame, USA. His presentation, titled "New Perspectives on Digital Media Integrity", began with the intersection of politics and entertainment, that is, Internet memes—the pictures and videos manipulated to change their original meaning. He gave examples, using the recent Indonesian presidential election, America and India to clarify this cultural phenomenon's influence in political areas. He proposed the application and development of AI in solving this problem.

The fourth presenter was Luo Dingsheng, a professor from Peking University, who presented a speech titled "Possible Future Life, Ethical Risks and Ethics-embedded AI Techniques". He considered that humans are stepping into the era of AI, and the application of AI in all areas is

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expanding because of the development of technology and humans' need for technology. Afterwards, from the perspective of elderly care, he predicted the possible future lives of humans. He also proposed, concerning the ethics of AI and the governance of AI, that more experts from different areas should participate, and the designation of AI should take ethics into consideration.

The panelists then discussed rules to avoid the risks, and whether super intelligence on the earth will evolve with human features, how can we trust AI or machines, the need for regulation of AI from the legal system, the investment in AI from both the government and private companies, and the protection of personal private information.