Comments for Professor Cao

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First, I believe litigation procedures conducted entirely online—from filing a claim to receiving a judgment—without requiring court appearances represent one envisioned future of litigation in many countries. In your slides, the parties' faces were prominently displayed on screen, likely for identity verification purposes. How does this vision during the actual hearing? When parties present arguments or evidence, is the same type of video feed used? Or is the entire body displayed on screen? Furthermore, is the entire room filmed, not just the parties or their representatives, to confirm no unauthorized persons are present? And how is witness examination conducted?

Next, regarding the issue of using generative AI to create evidence that shouldn't exist in the first place, I was genuinely surprised to learn this occurs actually. Such incidents are expected to increase, and with technological advances, there is concern they will become more sophisticated. Therefore, I believe judges and lawyers will need the ability to detect such fabricated evidence. What kind of training do you think judges and lawyers will need to acquire such skills? Or do you believe that detecting fabricated evidence will also eventually have to be entrusted to AI?

Furthermore, I have a question about AI judges. You proposed AI drafting judgments as a high-level application anticipated in the future. This is also sometimes cited as a possible scenario within the topic of AI taking human jobs. In AI simulations of criminal trials, there appear to be reported instances where AI made judgments evoking human-like emotions based on the specific circumstances of the case. As technology advances, AI judges capable of making judgments entirely equivalent to human judges may be created. Regarding the use of such AI judges, I believe that in arbitration proceedings, it could be acceptable to have AI serve as the arbitrator if agreed upon by the parties. In contrast, regarding court proceedings, do you think it should be permissible to have AI replace judges for part or all of their work? Of course, this would require the AI to be capable of conducting trials and making judgments entirely equivalent to humans, and in some cases, capable of making more accurate judgments than humans. Do you think replacing judges with AI would be socially acceptable under such conditions?

Thank you for your extremely valuable insights.