ARTIFICIAL INTELLIGENCE AND COMPETITION LAW

Organization : Alexandra Mendoza-Caminade, Law Professor

NOVEMBER 5, 2020
ONLINE CONFERENCE

- **Encadrer le développement et l'utilisation de l'IA au Japon : le point de vue du Professeur KOZUKA**
  - *speaker* : *Makoto NAGATSUKA*

  Compte-rendu critique de son œuvre en japonais intitulée « L'ère de l'IA et le droit » publiée chez Iwanami en décembre 2019. Quelles seront les contributions japonaises aux mutations importantes du droit ?

- **Basic understanding of Japanese antitrust law**
  - *speaker : Hiroshi SUGISAKI*

  The presentation will address about Japanese antitrust law flamework.

- **DX and Ai related inventions: Focus on Inventorship**
  - *speaker : Etsuko YOSHIDA*

  Based on the interpretation of the inventorship in Japan and the conflict between Japan and the United States over Honjyo patents, which became a hot topic this summer, it will discuss the image of the inventor for the DX era that is expected in the future.

- **Pricing algorithms and competition law : the anti competitive effects of the pricing technology**
  - *speaker : Kamilia BENTAÏEB*

  Pricing algorithms are used by the firms to improve their business model and optimize their prices.
  Why they might harm competition law, and how competition law has adapted to these new practices ?

- **The ethical use of artificial Intelligence in predictive medicine**
  - *speaker : Diogo COSTA CUNHA*

  The presentation will address topics related to predictive medicine through the use of AI in the context of patients with a disease, monitoring its evolution. In addition, it will discuss the use of AI in the context of prevention and monitoring of epidemics (and pandemics) or pharmacovigilance.

- **Algorithmic cartels, the "stress-test" of competition law**
  - *speaker : Guillaume GUÉGAN*

  The 21st century has seen the birth of a new economic model based on network effects and data exploitation. While the benefits for the various market players are obvious and wel known, the risks of such a technology, especially if it uses artificial intelligence, should not be ignored. Indeed, many authorities point to the possibility that algorithms may allow collusion between companies, without human intervention or even foresight. Whether fantasy or reality, the concept of algorithmic collusion makes it necessary to rethink competition law in order to grasp the various issues and challenges arising from this technological revolution.