Mariagrazia Squicciarini will outline a three-pronged approach aimed at identifying and measuring Artificial Intelligence (AI)-related developments. This work, jointly carried out with the Max Planck Institute for Innovation and Competition (MPI Munich), sheds light on AI developments in: science, using data on scientific publications and conferences; technologies, as captured by patent-related data; and algorithms, by means of gathering and analysing open source software data. She will further show the way the resulting operational definition of AI is exploited in a joint report by the OECD and the European Commission’s Joint Research Centre (EC-JRC), which focuses on the top corporate R&D investors worldwide and their scientific, innovation and product/process output - as measured by patents, trademarks and scientific publications –. The analysis sheds light on the contribution of top corporate R&D investors to the development of Artificial Intelligence.