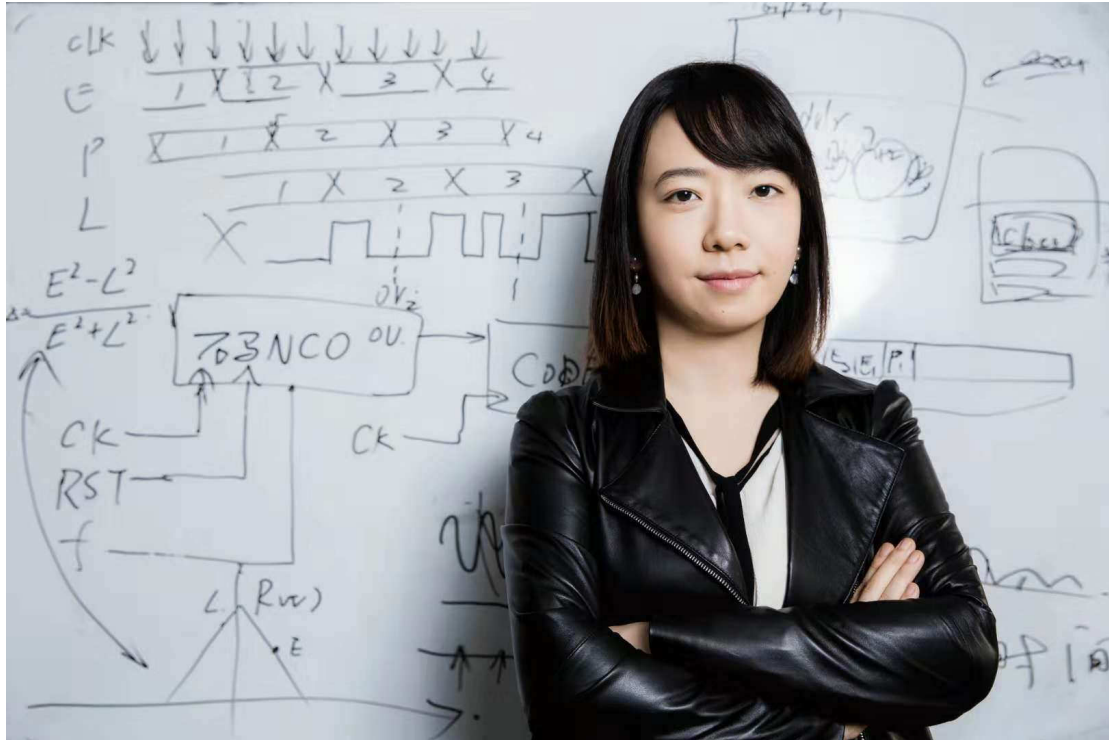


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Prof. Xu is mainly engaged in Beidou satellite navigation system construction and its related work. She developed the systematic algorithm theory and engineering applications of Beidou satellite navigation system and its augmentation systems. She is holding/leading 13 projects, supported by 2nd generation navigation projects of NSTMP, Chinese National Natural Science Foundation, Chinese National Programs for High Technology Research and Development, etc. She published 23 papers indexed by SCI/EI as first author or corresponding author and 1 academic translation, and has 28 invention patents (16 authorized). Prof. Xu was awarded "MIT Technology review innovation Under 35" award in China of MIT Technology review in 2017, the special prize of the 2018 satellite navigation and positioning Technology progress award (ranked first), and the Beijing March 8 red flag medal, etc.