

Yihao Chen is the associate professor of the Department of Engineering Mechanics, Tsinghua University. He is also the head of the Department of Wearable bioelectronics, National Key Lab of Flexible Electronics Technology.

Chen received his Ph. D degree from Tsinghua University in 2019 under the supervision of Prof. Xue Feng, a SES fellow and the member of European Academy of Sciences and Arts. He pursued postdoctoral research at Tsinghua University and joined Beihang University's School of Medicine Science and Engineering as an Associate Professor in early 2022, before returning to Tsinghua University as an Associate Researcher at the end of the same year.

His research focuses on the design, fabrication, characterization, and medical applications of flexible wearable and implantable bioelectronic devices. He has pioneered flexible wearable electrocardiogram (ECG) monitoring technology, which has been commercialized into medical products with five CFDA registration certificates. He also developed the world's first non-invasive, continuous blood glucose monitoring technology using skin-like electronics, which has been reported by over 30 domestic and international media outlets and was featured in the 2019 Capital Innovation Achievements Exhibition.

Chen has published over 20 papers in leading international journals such as *Science Advances* (2) , *IEEE Electron Device Letters*, *IEEE Transactions on Biomedical Engineering*, and presented papers at the IEEE International Electron Devices Meeting (IEDM). He holds 14 authorized invention patents. His achievements include the Beijing Natural Science Award First Prize (ranked 3rd), and the Gold Medal at the Geneva International Exhibition of Inventions (ranked 3rd).

