

# Multiscale-Driven Advanced Microbattery

## Our Mission

The development of sustainable and high-performance Li-ion microbattery technology to facilitate its integration into a wider range of small device industries

## Our Challenge

The creation of a high-energy density microbattery that is robust, compact, and capable of extending usage time and enabling advanced functionalities in small devices

## Our Solution

Revolutionary process utilizing electric-field assisted micro casting method (EF- $\mu$ Casting) to manufacture micro- and macro-structured interdigitated electrodes.