

# ADVANCED MATERIALS TECHNOLOGIES

An illustration featuring a human arm and hand. The forearm is wrapped in a white band with a grid of blue square sensors. The hand is wearing a purple glove with white conductive lines on the palm and fingers. A small black device with a glass tube containing blue liquid is positioned over the glove. In the upper left, a blue rectangular object labeled 'LIQUID METAL' is shown. The background is a blue grid pattern.

## WEARABLE ELECTRONICS

In article number 1800379, Sang Ken Kauh, Jungchul Lee, and co-workers report a liquid metal direct writing system that possesses four degrees-of-freedom. The system employs time-delayed distance feedback control to pattern various kinds of liquid metal circuits on concave or convex surfaces. The frontispiece represents wearable gloves and keypad devices which are demonstrated with the developed system.