

# Successfully formulated, programmable, liquid metal fabrication that can conduct electricity

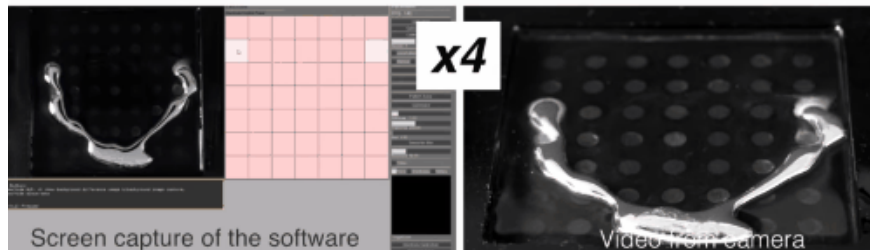
Researchers have successfully used electric current to regulate liquid metal solutions. Turn liquid metal solution into 2D shapes like writing or a heart ...

In a joint project between Swansea University and the University of Sussex, researchers have successfully used electric current to regulate liquid metal solutions. Turn liquid metal solutions into 2D shapes such as letters or a heart shape . This discovery opens up a new future for a material that can be programmed to turn into all shapes of choice.

According to the researchers, the "programmable liquid metal" material will be first applied to the boards that can be programmed, the ones that conduct electricity.



**Our motion control interface and algorithms enable users to easily draw complex shape such as this Heart Shape with liquid metal**



Screen capture of the software

Video from camera

Liquid metal solution formed into a heart shape.