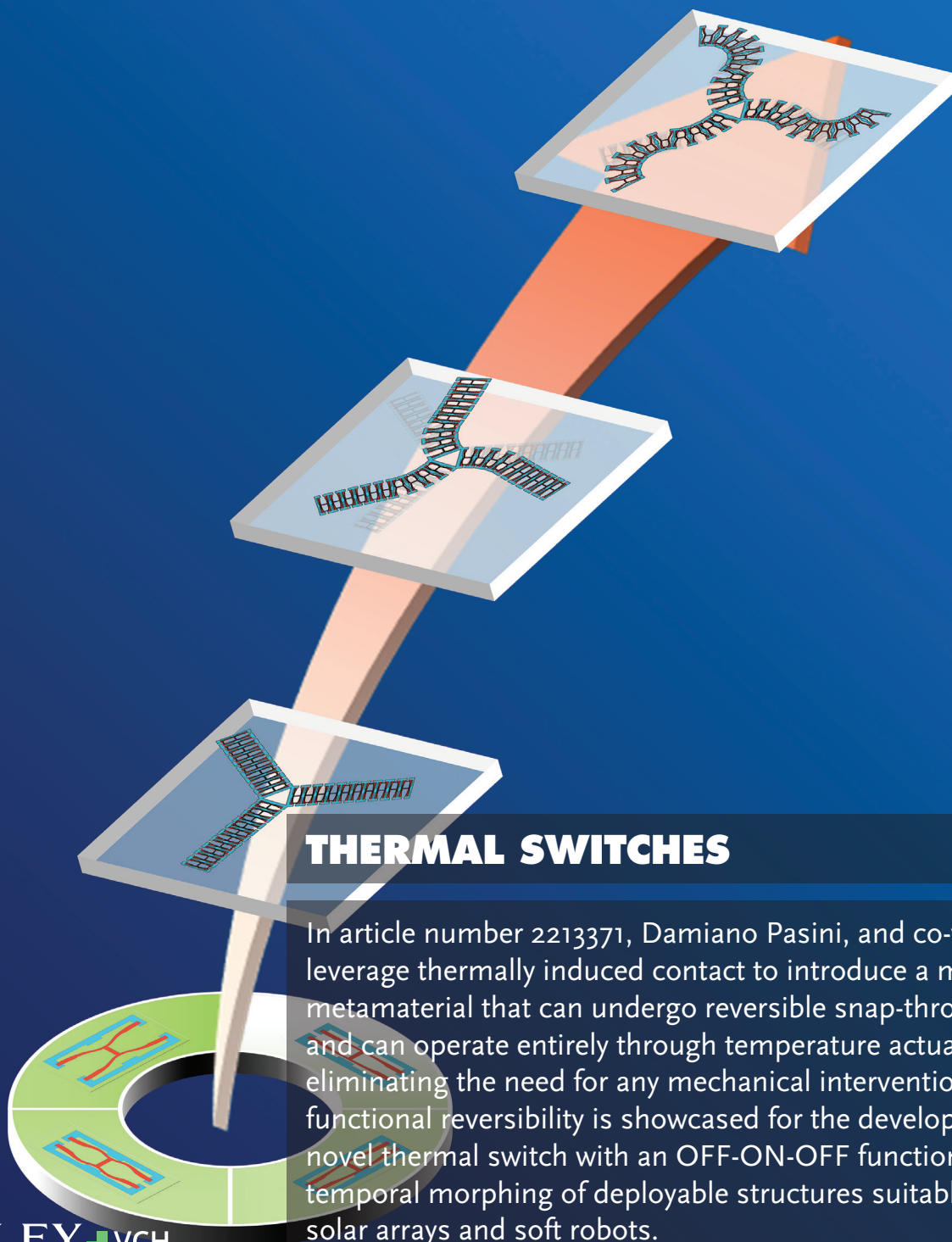


# ADVANCED FUNCTIONAL MATERIALS



## THERMAL SWITCHES

In article number 2213371, Damiano Pasini, and co-workers leverage thermally induced contact to introduce a mechanical metamaterial that can undergo reversible snap-through instability and can operate entirely through temperature actuation, hence eliminating the need for any mechanical intervention. The functional reversibility is showcased for the development of a novel thermal switch with an OFF-ON-OFF function, and the temporal morphing of deployable structures suitable for space solar arrays and soft robots.