

1135-A0-156      **Tadashi Tokieda\***, University of Cambridge, Cambridge. *Toy models*.

Would you like to come see some toys?

‘Toy’ here has a special sense: an object from daily life which can be found or made in minutes, yet which, if played with imaginatively, reveal behaviors that intrigue scientists for weeks. We will explore table-top demos of several such toys, and extract a mathematical story. Some of the toys will be classical but revisited, others will be original, and all will be surprising to mathematicians/physicists and amusing to everyone else. (Received August 05, 2017)