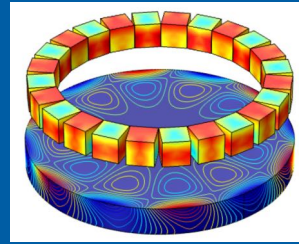




The Transportation Vision of HyperPodX

The Hyperloop concept enables for a flexible, energy efficient, and fast integrated transportation system. Our passive magnetic levitation principle combined with energy recuperation minimizes energy consumption and losses due to friction. The HyperPodX stations operate both for acceleration and deceleration a linear induction motor. Thus self propelling devices are superfluous and this reduces the mass of a Pod substantially. Long-range routes include intermediate acceleration sections to maintain high speed. A technology platform is under development starting with logistical applications aiming towards passenger transportation. The logistics sector of our Hyperloop network is an efficient and ecologically sustainable technology providing significant time savings while reducing conventional transportation routes congestion.



Comsol Multiphysics simulation:
Current density plot for circular
halfbach array configuration.

Fast, integrated, and energy efficient

