

DNA DRIVE: a new technology for sustainable data storage

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The storage of digital data is a major challenge in our modern societies. Current digital media stored in data centers are fragile, bulky and energy-intensive. The ongoing digital transformation of our societies requires a major disruption of our digital storage technologies. DNA data storage is an emerging technology that has the advantage of being stable for thousands of years, extremely compact and energy-efficient. We are developing innovative concepts of DNA data storage based on domestication of biological systems. Our technology, named DNA DRIVE, and its proof of concept will be presented.

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