

* "the realm of sf."

CAE / #1

Zdenek Rafaj

Would you dare to go beyond?

Imagine you are among the first people who can walk on the surface of a brand new planet. Wherever you decide to go no foot touched the ground before. What would such a planet look like? What would living there be like? Interstellar travels ^{has} been mankind's dream since we began the universe exploration and found that our Earth is just one out of countless lookalike planets.

To literally reach for the stars, we need the means to get there in the first place. We need an interstellar engine. There are several concepts and some are even supported by physics. However, it is worth saying that the vast majority still belongs to the realm of science fiction. Some of them are based on principles we already know, e.g. fusion, others are at least theoretically feasible, e.g. bending the space-time continuum in warp engines, and some utilize the yet undiscovered properties of space, such as subspace or tachyons.

The closest star to our Sun, Alpha Centauri A and B, is more than 4 light-years away. Even the fastest man-made object, NASA's Parker Solar Probe with its breathtaking 192 000 km/s, would spend more than 6 000 years to get there. If interstellar travel should be of any use, the spaceship velocity needs to be very close to the speed of light if not higher.

Due to the fear of overpopulation and unbearable pollution, interstellar travel is now more tempting than ever. Unfortunately for all of us, the laws of nature tell us that it is not possible or at best it will not happen anytime soon.

both: "...we began to explore the universe!"

Nicely done!

good development

good intro

good language!

but where is the invention?...

anyway -

nice work.

Thanks, P.

Excellent.