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The Doppler goes to Alpha Centauri

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Abstract
50 astronauts were selected in 2027 from a candidate list of 5,000 as the ones who will terraform Alpha Centauri's Proxima Centauri b, and whereas it was thought to be in a few centuries from now, new biochemistry on earth-humans has produced sturdy super women and men and 25 of each sex made the cut. They are all in their early 30s, athletic, IQ of 140+ and willing to leave earth.

Keywords: Doppler, Alpha Centauri, Bubble Nucleation

Introduction

These 50 internationals are to go up in space shuttles to gather in space stations at zero gravity earth orbit. The MMPI test judged them all to be supra normal specimens. Then, they all transfer to The Doppler, which will house them on their 4 light-year voyage. The breakthrough was John H. Jennings' mathematics in physical chemistry solving the problem of Bubble Nucleation in Polymer Solutions from research done between 1980 and 2025. Jennings's ideas had a bearing on constructing the long sought anti-electron-electron annihilation propulsion device.

It boils down to the following chemistry: electrons are easy to come by, and it was discovered in 2027 that anti-electrons can be harvested from interstellar dark matter with a special magnetic filter that detects the way they rotate in a magnetic field. The magnetic filter concentrates the anti-electrons with powerful magnets that force the anti-electrons into magnetic bottles where they are trapped.

Another such device easily harvests the plentiful dark matter electrons into separate magnetic bottles. There is a Leidenfrost area between the plentiful electrons and the scarce anti-electrons.

Discussion

There is a limit of superheat associated with the matter-antimatter controlled burn, so instead of added polystyrene in cyclohexane, some neutrinos are introduced. The defining formula is Jennings' equation (19), published in 2014 here [1]:

$$\Delta T = 3kT\ 2\ wMW\ 1\ /\sigma aMW\ 2 \qquad (19)$$

The beauty of Eq. (19) is that addition of polymer is the same as addition of neutrinos in that neutrinos allow ΔT to be higher in the reactor, thus making for a hotter burn giving more thrust [2]. Elon Musk at SpaceX invented the engineering to do this in late 2026 and perfected the re-usable spaceship in 2028. Very quickly, the 25 women and 25 men in 2030 will achieve a speed close to c, the speed of light, and they will age little because of time dilation. The University of California at Berkeley is rejoicing because of five recent science Nobel laureates added to the faculty: Randy Schekman (Mol Cell Biol), Jennifer Doudna and Omar Yaghi (both Chem), and Reinhard Genzel and John Clarke (both Physics). Jesus Christ will return giving us all eternal life!!

Conclusion

Mini bio of John H. Jennings, M.S. (UCSD - Chem, 1975) John is a doctor's son and graduated from UC Berkeley in Chemistry at the top 10% of his class. His physical chemistry problem was attempted by a Ph.D. in Mathematics, David Rapoport, which met with failure. John still has the 12 pages of Rapoport's ca. 1988 calculations. John met with success

thinking of the low MW data as vectors and playing around with it until it worked in 2012. John has a minor in math. Mr. Jennings has attempted the application of mathematics to understanding formation of a raindrops and snow in clouds via homogeneous nucleation and has prayed many Rosaries. May God bless the USA-Israel partnership.

References

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