

## **Mirror world: some physical and astrophysical implications**

*Friday, 24 September 2021 10:15 (25 minutes)*

I shall discuss a possibility that dark matter is a matter of parallel mirror sector which has the particle physics identical to our particles. I discuss the possible interactions between the ordinary and mirror particles, and in particular baryon and lepton violating interactions and their role in co-baryogenesis of matter and dark matter. I briefly discuss also implications for neutron stars and cosmic rays.

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