

## VIDEO Colloquium:

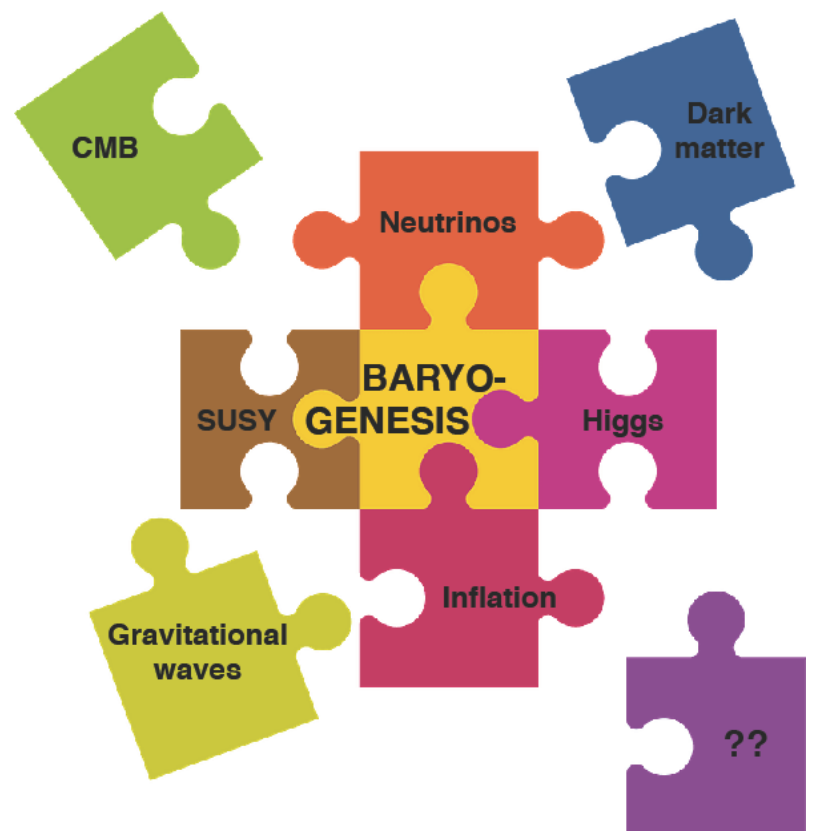
# Baryogenesis – piece of a puzzle.

**Tuesday, 10 November, 2020**

**Webcast 16:45 h**

**Wilfried Buchmüller (DESY)**

The ratio of the number density of baryons to photons in the universe is a tiny number  $O(10^{-9})$ . It must be explained dynamically and in this way it connects particle physics beyond the Standard Model with the physics of the very early universe. The implications for Higgs physics, dark matter, neutrino physics and gravitational waves are illustrated with several representative examples. Discoveries in the coming years can have a significant impact on present extrapolations of the Standard Model to shorter distances.



Please note: This is a VIDEO COLLOQUIUM!

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