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Strongly Coupled Dark Sectors from the Dark Matter–Baryon Coincidence

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There are many reasons to believe in the existence of a strongly coupled dark sector. One of them is the observed similarity between the energy densities of dark matter and baryons, known as the dark matter–baryon coincidence problem. In this talk, I will explain why this comparability points toward an asymmetric strongly coupled dark sector at the QCD scale. I will further discuss model-building attempts to fully resolve the coincidence problem, highlighting the key features of the corresponding strongly coupled dark sectors, including their spectra and phenomenology.

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