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Why is GeV physics relevant in the age of the LHC?

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One may wonder why is physics at the scale of a fermi still interesting, when the LHC microscope is tuned to a world a thousand times smaller? Confinement means the universe of quarks and gluons (or even squarks and gluinos) can only be glimpsed through a colourless haze of hadrons. This we need to understand. How this world of hadrons, their spectrum, their structure and dynamics, is being explored in unprecedented detail at the scale of a few GeV with precision detectors at accelerator facilities and on the lattice with accelerated computing architectures will be reviewed. This is teaching us about how QCD shapes and colours most of the visible universe.

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