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The light baryon resonance spectrum in a coupled-channel approach – recent results from the Juelich-Bonn model

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In order to connect predictions for the baryon spectrum from quark models or lattice calculations to experimental data, coupled-channel frameworks are especially suited. In those approaches a simultaneous partial-wave analysis of multiple reactions with different initial and final states is performed.
I will present recent results from the Juelich-Bonn dynamical coupled-channel approach, where the spectrum of nucleon and Delta resonances is extracted based on a combined study of the pion- and photon-induced production of πN, ηN, $K\Lambda$ and $K\Sigma$ final states.

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