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**Electromagnetic Meson Production Reaction in the Resonance Region**

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Properties of  $N^*$  and meson-baryon dynamics in the resonance energy region are of fundamental importance to understand how non-perturbative dynamics of quark and gluon are realized in nucleon resonances. The  $N^*$  properties can be extracted by investigating the recent precise and systematic data of meson production reactions with GeV photon and electron. However, it is a non-trivial problem to connect data and QCD predictions and reaction theory of meson production will play an important role. In this talk, recent development of the theoretical study on meson production reaction and the  $N^*$  properties will be discussed.