Discussion Session I: Effective Lagrangian Approaches

Symmetries:

- ☐ Lorentz covariance
    - ☐ 4-dim
    - ☐ 3-dim

- ☐ Analyticity

- ☐ Crossing symmetry

- ☐ Unitarity
    - ☐ two-body
    - ☐ three-body

- ☐ Gauge invariance
    - ☐ current conservation
        - ☑ charge conservation

Questions:

- ☐ Low-energy behavior: connection to χPT

- ☐ High-energy behavior: connection to Regge

- ☐ Proper formulation of multi-meson production

- ☐ Systematic errors of extracted parameters quantifiable

- ☐ Interface with quark DOF definable
    - ☐ DS/Faddeev-treatment of 3-q systems
    - ☐ lattice QCD

Technical issues:

- ☐ Dressing/nonlinearity effects
    - ☐ propagators
    - ☐ vertices