

Spectroscopy Workshop – Lattice Discussion

What is the role of further S-matrix constraints

- Can we properly account for left-hand-cuts?
- Can these analyses (e.g. dispersion relations) feedback to lattice spectra?

What are the challenges in implementing 3-body analyses?

- Does an “isobar model” structure emerge? Can this be used to simplify analyses?
- How do we reliably analytic continue to determine pole parameters?

Can we realistically include 4, 5, ... body processes?

Are there alternatives for higher-energy spectroscopy?

What can we physically learn from calculations at unphysical pion masses?

Can models/EFTs generate new observables for the lattice to study?

What are the realistic observables to study in upcoming years?