Contribution ID: **28**   Type: **not specified**

Resonant scattering amplitudes from lattice QCD

Thursday, 15 March 2018 15:30 (30 minutes)

I will review the methods used to calculate two-hadron scattering
amplitudes from lattice QCD. Particular emphasis will be placed on controlling the various systematic errors
inherent in such calculations, such as those due to the lattice spacing and finite volume. As illustrative examples, I will discuss recent and ongoing results for amplitudes containing the rho(770), K*(892), Delta(1232), and Lambda(1405) resonances.

Primary author: Prof. BULAVA, John (University of Southern Denmark, CP3-Origins Institute)

Presenter: Prof. BULAVA, John (University of Southern Denmark, CP3-Origins Institute)

Session Classification: Amplitude analysis and Light Quarks