

2017 International Summer School on Reaction Theory

June 12-22, 2017, Bloomington, Indiana, US

The Summer School is dedicated to theory and phenomenology of relativistic hadron scattering and its application to data analysis of modern experiments in strong interactions physics. The school is aimed primarily at students and researchers in theory and experiment who seek a pedagogical introduction to the relativistic reaction theory, aspects of Regge phenomenology, crossing relations and duality, analytic continuations, dispersion relations, etc., and the phenomenological application of all these concepts. The school will consist of daily lectures in the morning, followed by seminars and lab sessions devoted to practical implementation of reaction amplitudes in data fitting. There will also be opportunities for participants to present their current research. The School is dedicated in memory of V. N. Gribov and will be organized around the seminal text, *Strong Interactions of Hadrons at High Energies*, by V. N. Gribov (Cambridge University Press, 2008). The outline of the text follows closely the aims of the Workshop, as it treats the analysis of relativistic reactions that involves aspects of analyticity, crossing relations and duality, resonances and electromagnetic interactions of hadrons, dispersion relations, and Reggeon Field Theory.

Information about the school and the registration procedure can be found at <http://www.indiana.edu/~ssrt/>
