

International Workshop on Partial Wave Analyses and Advanced Tools for Hadron Spectroscopy



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Baryon Partial Wave Analysis

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With new data of unprecedented accuracy from ELSA, JLab, MAMI, and other facilities the reliable extraction of the the spectrum of excited baryons becomes into reach. Besides experimental advances, the phenomenological analysis of the data has made much progress in the last years. Different partial-wave analysis efforts start to converge although, especially at high energies, the identification of broad and overlapping states remains a challenge. Recent developments in the spectroscopy of light baryons will be presented addressing formal advances, inclusion of new data, and statistical aspects. An attempt to identify remaining obstacles towards the reliable extraction of resonances is made.

Presenter: Prof. DÖRING, Michael (George Washington University)

Session Classification: Session