

What is this contribution about? - This contribution is about the determination of neutrino fundamental properties, improving our understanding of reactor antineutrino emission and more.

Why is it relevant / interesting? - Presented non-zero value of the  $\theta_{13}$  neutrino mixing angle paved the way for CP violation measurement in lepton sector and better understanding of reactor antineutrino emission shed light to some anomalies in the field.

What have we done? - We have studied the flux and spectrum of reactor antineutrinos and their oscillation at short baselines.

What is the result? - Daya Bay provided the most precise value of the  $\theta_{13}$  mixing angle and the world-leading measurement of the reactor antineutrino flux and spectrum among results.