

Structure of Crust and Upper Mantle beneath Central Tibetan Plateau and its Relationship with Surface Structure

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The Tibetan Plateau has been produced by the India-Eurasia collision since 60-50 Ma. Today, the convergence between the Indian continental plate and the Eurasian plate is indicated by GPS data and thrust faulting on the margins of the plateau, such as the 2015 Mw 7.8 Nepal earthquake. The north-south trending rifts in central Tibet, however, has been suggested as a proxy for collapse of the plateau since ~15 Ma. Will the plateau surface rise continuously by the convergence or reduce by rifts? To address the problem, we investigate structure of crust and upper mantle in order to understand the origin of the rifts.

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**Conference Room, 3/F,
Mong Man Wai Building**



*****The seminar will be conducted in Chinese*****



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