

## Area Seminar

Title	Two zero mass matrices and sterile neutrinos
Date and Time	11/06/2012 16:00:00
Speaker	Monojit Ghosh
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Area	Theoretical Physics
Venue	Room No. 469
Abstract	<p>The complex Majorana neutrino mass matrix in 3 generation contains 9 parameters, all of which can not be determined experimentally. So it is proposed that it may have several zeros. According to the current data, among the possible 15 two zero's, only 7 are allowed. Now in the context of one extra sterile neutrino we tried to look what will happen to those disallowed textures. This can have significant impact on model building with sterile neutrinos.</p>