

MONDAY

COLLOQUIUM

Recent break throughs in Number Theory

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12 Jan 2026 (Monday) | 16:00 Hrs (Tea / Coffee 15:45 Hrs) | Venue: TIFRH Auditorium

I will discuss some problems in which breakthroughs have been made during and after the pandemic. These problems have been pursued by Maynard, Manjul Bhargava and a 12th class student !. For those who are interested in primes and numbers and their patterns this will be of interest. Since I will not go into the details of the proofs the talk should be 100% comprehensible to the non expert. Example of a problem: What is the density of those natural numbers which can be written as a sum of two rational cubes ?