

Michigan Math Club

Thursday at 4pm in the Commons

Free Pizza and Pop

The ABC Conjecture

Ben Linowitz

Abstract for 25 September

The ABC conjecture is a central open problem in number theory which, if true, would imply a number of incredible results, some of which have earned Fields medals in the past. Given these amazing consequences, it is perhaps surprising that the conjecture is remarkably easy to state; it concerns the integer solutions to the equation $A+B=C$. In this talk we will state and motivate the conjecture, discuss some of its consequences and prove an analogue for polynomials.

