SCMS Seminar

Counterexamples for chromatic and dichromatic number

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Time: **May 6th, 9:00 - 10:00**
Zoom meeting ID: 843 0428 2616   Password: 121323
Link: **https://zoom.us/j/84304282616**

Abstract:

I will present a counterexample to the following well-known conjecture: for every k, r, every graph G with clique number at most k and sufficiently large chromatic number contains a triangle-free induced subgraph with chromatic number at least r. This is related to colouring and chi-boundedness in digraphs.

Joint work with Alvaro Carbonero, Patrick Hompe, and Benjamin Moore.