MATRIX

Structural Graph Theory Downunder II

This MATRIX program consists of a 1-week intensive workshop, where mathematicians from across the globe will come together to work on open problems in structural graph theory, including the following research themes: graph minors, graph colouring, Hadwiger's Conjecture, bounded expansion classes, generalised colouring numbers, VC dimension, induced subgraphs, Erdős–Hajnal conjecture, Gyárfás–Sumner conjecture. The goal is to create an environment where mathematicians at all career stages work side-by-side. We anticipate that open problems will be solved, and lasting collaborations will be initiated.

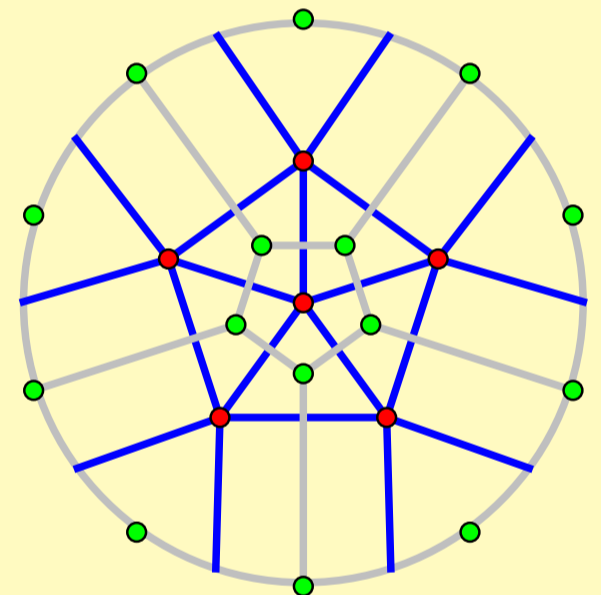## Dates

20 – 27 March 2022

Organisers

David Wood, Monash University, Australia
Tony Huynh, Monash University, Australia
Sang-il Oum, Institute of Basic Science, Korea
Alex Scott, University of Oxford, United Kingdom
Liana Yepremyan, Emory University, USA

Other Participants

Rutger Campbell, IBS Korea
Marc Distel, Monash Uni.
Pascal Gollin, IBS Korea
Kevin Hendrey, IBS Korea
Thomas Lesgourges, UNSW
Bojan Mohar, Simon Fraser Uni.
Youri Tamitegama, Uni. Oxford

Katie Clinch, Uni. Melbourne
Jackson Goerner, Monash Uni.
Daniel Harvey, Ballarat
Robert Hickingbotham, Monash Uni.
Freddie Illingworth, Uni. Oxford
Michael Payne, La Trobe Uni
Jane Tan, Uni. Oxford

Website

https://www.matrix-inst.org.au/events/structural-graph-theory-downunder-II/

MONASH University

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