



THE UNIVERSITY OF  
MELBOURNE

# The Local Steiner Problem

TEWKESBURY BEQUEST SEMINAR



**Assoc. Professor Konrad  
Swanepoel**  
Chemnitz University of Technology

Friday 5th September  
11am -12pm  
Brown Theatre, Ground Floor  
Department of Electrical and Electronic  
Engineering

## Overview:

Studying the singularities or Steiner points of shortest geometric networks have drawn the interest of differential geometers, discrete geometers and applied mathematicians. Here we give an overview of the various interesting mathematical techniques used to study the local structure of shortest networks in normed spaces.

Konrad Swanepoel, born in Pretoria, obtained his PhD in Mathematics in 1997 at the University of Pretoria. He was at the University of Pretoria from 1994 to 2001, as an associate professor at the University of South Africa until 2007, and is currently at the Faculty of Mathematics at the Chemnitz University of Technology. His research interests are in geometry and discrete mathematics.

## MORE INFORMATION

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