Date: Friday, 23 April 2021
Time: 3:00pm – 4:00pm
Speaker: Dr Judy-anne Osborn and Dr Michael Donovan
Venue: Zoom

Title: From Experimental Maths to Indigenising Curriculum

Abstract: This is a joint talk from a research mathematician and an Indigenous education expert with a background in teaching mathematics at School. We will discuss ideas and philosophy and practice around Indigenising Mathematics curriculum at Universities. For Judy-anne, this journey started with a kind of apprenticeship to the late Professor Jonathan Borwein, at the University of Newcastle, who founded the CARMA centre. CARMA is about computational tools as thinking tools to enable a more exploratory and visual approach to mathematics research and education. Along the way, that led Judy-anne to an interest in Indigenous perspectives and the justice imperative to do better by Indigenous students and all students, which led eventually to collaboration with Michael Donovan and other Indigenous colleagues around the world. For Michael, this journey began as a primary school teacher, and extended into investigating the relevance of Indigenous understandings within STEM.