Friday, May 3rd (at 4.00pm, UK time)

Rod Halburd (University College London)

Title: The Painleve equations in complex function theory.

ABSTRACT

We will see how the Painleve equations, together with their autonomous versions, arise in addressing some natural questions about the value distribution of meromorphic functions. They provide a natural generalisation of the so-called finiteness property, which characterises elliptic functions and their degenerations.