



Institute of Mathematics  
Academia Sinica

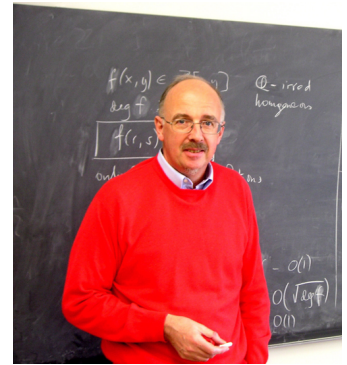
Department of Mathematics  
National Taiwan University



# Lakeside Lectures

**Speaker: Professor David Masser**  
(University of Basel)

**Title: On Siegel's Lemma.**



## Abstract:

Since Thue's breakthrough in 1909, various versions of Siegel's Lemma play an important role in diophantine approximation and transcendence theory. We discuss some of these together with some limitation results. We finish with an account of recent work of Roger Baker and the speaker about the original version first explicitly formulated by Siegel in 1929, which we prove to be "almost always sharp".

**Date:** May 27 (Mon), 2019

**Time:** 14:00-15:00

**Venue:** Auditorium, 6 Floor, Institute of Mathematics (NTU Campus)

**Refreshment:** 13:30

**Organizers:** Yi-Chiuan Chen, Yi-Fan Yang

