FRONTIERS OF NEVANLINNA THEORY 1

University College London, 28–30 March 2011

PROGRAMME

Monday, 28$^{\text{th}}$ March

10:00–10:10: Rod Halburd (University College London, UK)
Welcome and introduction to the workshops

10:10–11:00: Min Ru (Houston)
Some recent development for theory of meromorphic mappings

11:00–11:40: *Coffee/tea*

11:40-12:30: Yik Man Chiang (Hong Kong University of Science and Technology)
Complex oscillation theory and special functions

12:30–14:30: *Lunch*

14:30-15:20: Alain Escassut (Université Blaise Pascal Clermont-Ferrand II, France)
p-adic meromorphic functions $f'f^n(f-a)^k, g'g^n(g-a)^k$, sharing a small function in the whole field or inside an open disk

15:20–16:00: *Coffee/tea*

16:00–16:50: James Langley (University of Nottingham, UK)
Integer points of entire functions

Tuesday, 29$^{\text{th}}$ March

9:30–10:20: Walter Bergweiler (Christian-Albrechts-Universität zu Kiel, Germany)
Application of logarithmic derivative estimates in complex dynamics

10:20–11:10: Julie Tzu-Yueh Wang (Academia Sinica, Taiwan)
Second main theorems and Büchi's problem over algebraic function fields

11:10–11:40: *Coffee/tea*

11:40–12:30: Jörg Winkelmann (Ruhr-Universität Bochum, Germany) *A Second Main Theorem and some application*

12:30–14:00: *Lunch*

14:00–14:50: Abdelbaki Boutabaa (Université Blaise Pascal Clermont-Ferrand II, France)
On some ultrametric q-difference equations

14:50–15:40: Michael McQuillan (Universit degli Studi di Roma "Tor Vergata", Italy)
Canonical singularities and somewhat less tautological inequalities

15:40–16:10: *Coffee/tea*

16:10–17:00: Dan Nicks (Open University, UK)
Non-real zeroes of real entire functions – An application of Nevanlinna theory in a half-plane

Wednesday, 30th March

9:30–10:20: Ilpo Laine (University of Eastern Finland)
Tropical Nevanlinna theory: today and tomorrow

10:20–11:00: *Coffee/tea*

11:00–11:50: Chung-Chun Yang (Hong Kong University of Science and Technology, PRC)
Some recent applications of Nevanlinna theory to functional or differential equations

11:50–13:30: *Lunch*

13:30–14:20: Gordon Heier (University of Houston, USA)
Essentially large divisors and degeneracy of integral points

14:20–15:00: *Coffee/tea*

15:00–15:50: Walter Hayman (Imperial College London, UK)
Blumenthal's conjecture

All talks will be in room 500 in the Department of Mathematics at University College London
(25 Gordon Street — use the set of lifts towards the back of the building).
Coffee and tea will be in room 502, where some boards will be provided for posters.