▶ ALEX WILKIE, $\mathbb{R}_{an,exp}$ *revisited.*.
School of Mathematics,The Alan Turing Building, The University of Manchester, Manchester M13 9PL, UK.
E-mail: awilkie@maths.man.ac.uk.

I begin by introducing the first order structure $\mathbb{R}_{an,exp}$ and discussing its importance. I then present the van den Dries/Macintyre/Marker results on the theory of its definable sets, which I use to analyse the fine structure of the germs at ∞ of definable (unary) functions. This in turn is used to construct complex analytic extensions of such functions. I conclude by metioning a diophantine application.