1154-60-2653 **Nicolas Broutin**, **Luc Devroye** and **Nicolas Fraiman***, 337 Hanes Hall CB #3260, Chapel Hill, NC 27599. *Recursive functions on conditional Galton-Watson trees.*

A recursive function on a tree is a function in which each leaf has a given value, and each internal node has a value equal to a function of the number of children, the values of the children, and possibly an explicitly specified random element. The value of the root is the key quantity of interest in general. In this talk, we describe the limit behavior when the leaf values are drawn independently from a fixed distribution, and the tree is a random Galton-Watson tree conditional on its size. (Received September 17, 2019)