

---

**Dynamics of entire functions universal under similarities**

José A. PRADO-BASSAS (Universidad de Sevilla — Spain)

---

In this talk we characterize the dynamics of entire functions universal under similarities and bounded on “large” sets, in terms of topological properties of these sets. Moreover, if we consider the set of universal entire functions via similarities that are bounded on sub-Arakelian sets (that is, sets which can be completed as Arakelian’s), then it is shown that its algebraic size is as large as possible. As a consequence, we show several results as, for example, the existence of an algebraically large set of universal entire functions bounded on every (straight) line.

**Joint work with M. Carmen Calderón-Moreno.**