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## Free actions on Lambda-trees

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### **Abstract**

In this talk I will discuss finitely generated groups acting freely on Lambda-trees. One of the most intriguing problems in this area (which is due to I. Rips and H. Bass) concerns with the algebraic structure of groups acting freely on arbitrary Lambda-trees. My focus will be on a new approach to this problem via non-Archimedean infinite words and elimination processes.