1099-03-231 **Dana Bartosova** and **Aleksandra Kwiatkowska*** (`akwiatk2@math.ucla.edu`). *Lelek fan from a projective Fraisse limit.*

We show that a natural quotient of the projective Fraïssé limit of a family of finite rooted trees is the Lelek fan. We then study properties of the Lelek fan and of its homeomorphism group. In particular, we show that the homeomorphism group of the Lelek fan is totally disconnected, generated by every neighbourhood of the identity, has a dense conjugacy class, and is simple. (Received February 09, 2014)