Juan B Gil*, 3000 Ivyside Park, Altoona, PA 16601. On rooted planar maps and Dyck paths. In one of his seminal papers from the early 60's, W. T. Tutte established a link between the enumeration of rooted planar maps and the enumeration of their nonseparable elements. Motivated by Tutte's result, in this talk we give a bijection between the set of rooted planar maps with n edges and the set of Dyck paths of semilength 2n having ascents of even length and such that each 2j-ascent may be labeled with a rooted nonseparable map with j edges. Our bijection relies on the representation of rooted planar maps as shuffles of Dyck words. This is joint work with Daniel Birmajer and Michael Weiner. (Received February 13, 2018)