Bart De Bruyn: *Generalized quadrangles of order \( s \) with a hyperbolic line consisting of regular points*

A generalized quadrangle of order \( s \geq 2 \) is isomorphic to \( W(s) \) if and only if there is a hyperbolic line every point of which is regular. This is a characterization of the symplectic generalized quadrangle \( W(s) \) which only needs the existence of \( s + 1 \) regular points (in a nice position).