

# Superschemes embeddable into supergrassmannians

Ugo BRUZZO<sup>1</sup>

<sup>1</sup> UFPB, Brazil/ Sissa, Italy

In supergeometry the condition of being projective is more stringent than in ordinary algebraic geometry. For instance, supergrassmannians often are not projective. So the techniques, so often used, of embedding schemes into projective spaces cannot always be generalized to supergeometry. On the other hand an embedding into a supergrassmannian is often sufficient to obtain the desired results. In this talk I will discuss this issue and will give an example where the embedding into a supergrassmannian turns out to be useful, namely, the representability of the super Hilbert functor.