1145-46-1840 **Cleon S. Barroso*** (`cleonbar@mat.ufc.br`), Av Humberto Monte S/N, Campus do Pici, Department of Mathematics, Bl 914, CEP 60455-360, Fortaleza, CEARA 60455360, Brazil.
Existence of shift basic sequences and its implications in metric fixed point theory.

Basic sequences with shift property are very useful in metric fixed point theory. In this talk I will discuss the existence and non-existence of shift basic sequences in Banach spaces. I also plain to introduce a related property which generalizes the so-called Pelczynski property (u). The quoted property will be referred as "property (su)". As an instance, while it is well-known that James's space fails property (u) we will see that it fulfills property (su). More generally, I will sketch the proof that every Banach space with spreading basis has property (su). As will be clear in the talk, this result implies that weak compactness can be characterized in term of the generic fixed point property for bi-Lipschitz affine maps in every Banach space with a spreading basis. (Received September 24, 2018)