**Palestrante:** João Paulo Carvalho, Department of Electrical Engineering and Computation, University of Lisbon, Lisbon (Portugal).

**Título:** Recommender Systems: Using Fuzzy Fingerprints for "Proper" Recommendations

**Abstract:** Most Recommender Systems rely exclusively on ratings and are known as Memory-based Collaborative Filtering systems. This is the currently dominant approach outside of academia due to the low implementation effort and service maintenance, when compared with more complex Model-based approaches. Traditional Memory-based systems have as their main goal to predict ratings, using similarity metrics to determine similarities between the users’ (or items) rating patterns. In this talk, we propose a user-based Fuzzy Collaborative Filtering approach that does not rely on rating prediction, instead leveraging on Fuzzy Fingerprints to create a novel similarity based recommendation approach. Fuzzy Fingerprints provide a concise and compact representation of users allowing the reduction of the dimensionality usually associated with user-based collaborative filtering.