

## Using EPrints to Understand Research / The Semantics of Reading Lists

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## **Abstract**

The department of Electronics and Computer Science (ECS) at the University of Southampton has about two hundred research staff. Often staff members will have overlapping research areas without knowing. It is useful to discover what the people around you working on and to identify those with similar research interests so that ideas can be shared. Electronics and computer science are fields which evolve rapidly, therefore a researcher's interests change or drift. This means that a researcher's list of interests 6 months ago may be quite different to their research interests now. Rather than encouraging researchers to constantly update their own interests, this information could be derived automatically to determine interests based on their reading material.