

ISWC 2019



THE UNIVERSITY OF
**WESTERN
AUSTRALIA**

Prof Melinda Hodkiewicz

Chief Investigator

Theme 1

2019-10-26

Auckland New Zealand

Scalable construction of sustainable knowledge bases A major barrier for the adoption of semantic web technologies in industry is the construction of sustainable knowledge bases; domain experts and end-users often find semantic web languages and tools difficult to use. Reasonable Ontology Templates (OTTR) is a language and framework that allows abstractions or modelling patterns over RDF/OWL to be succinctly represented and instantiated. It is designed to address the needs and expertise domain experts, ontology engineers, and data managers in the process of creating and maintaining high-quality, maintainable knowledge bases. The tutorial is relevant for semantic web practitioners and ontology engineers who are eager to make efficient use of modelling patterns in their work, and for information managers from industry looking for possible ways to introduce ontology development into their enterprise. <http://ottr.xyz/event/2019-10-267-iswc/>