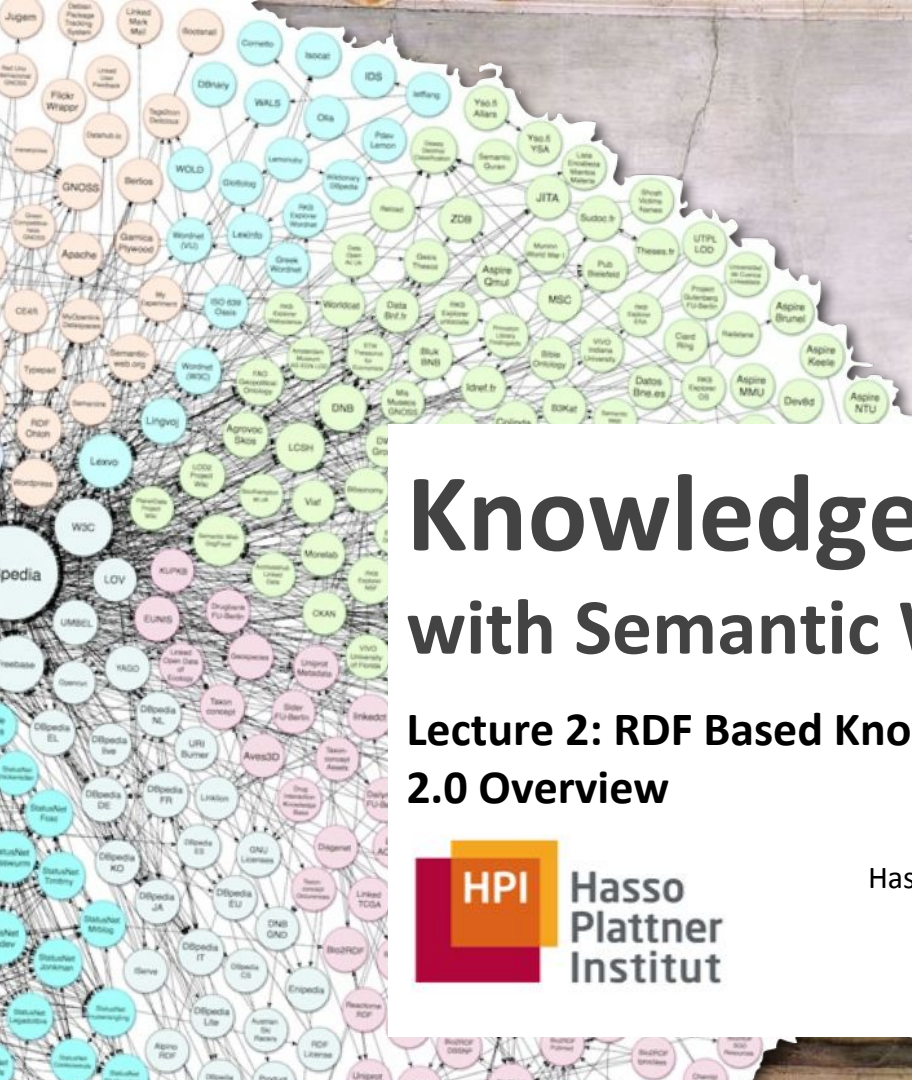


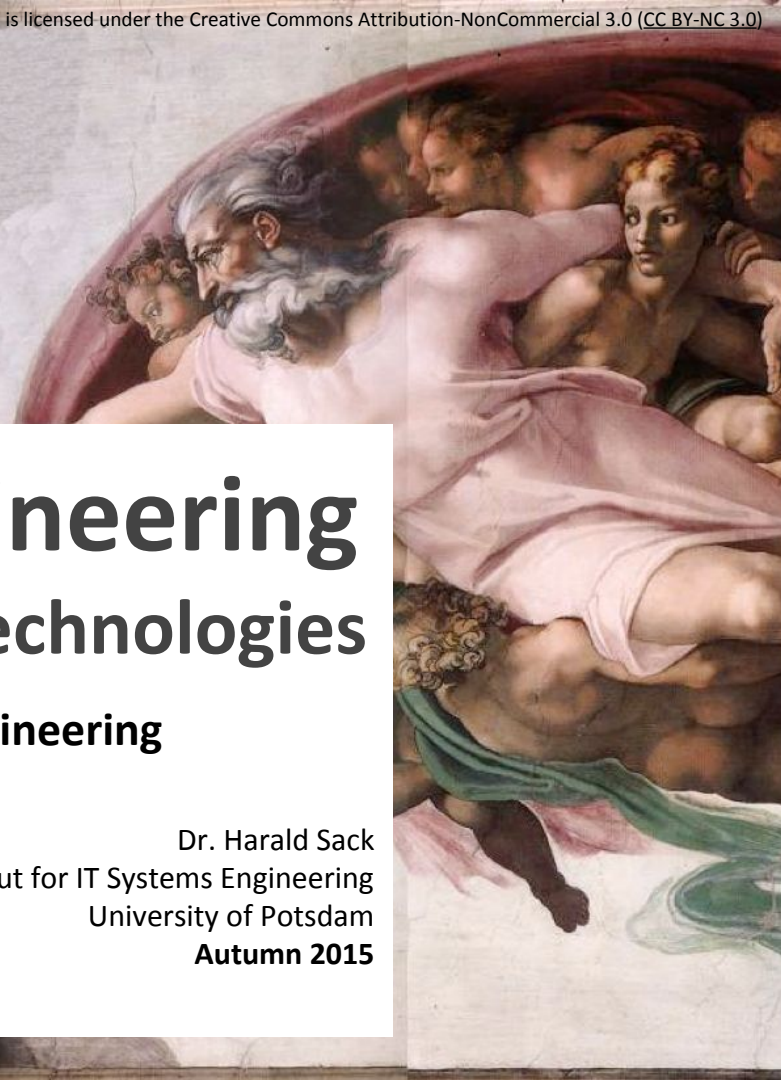


# Knowledge Engineering with Semantic Web Technologies

## Lecture 2: RDF Based Knowledge Engineering 2.0 Overview

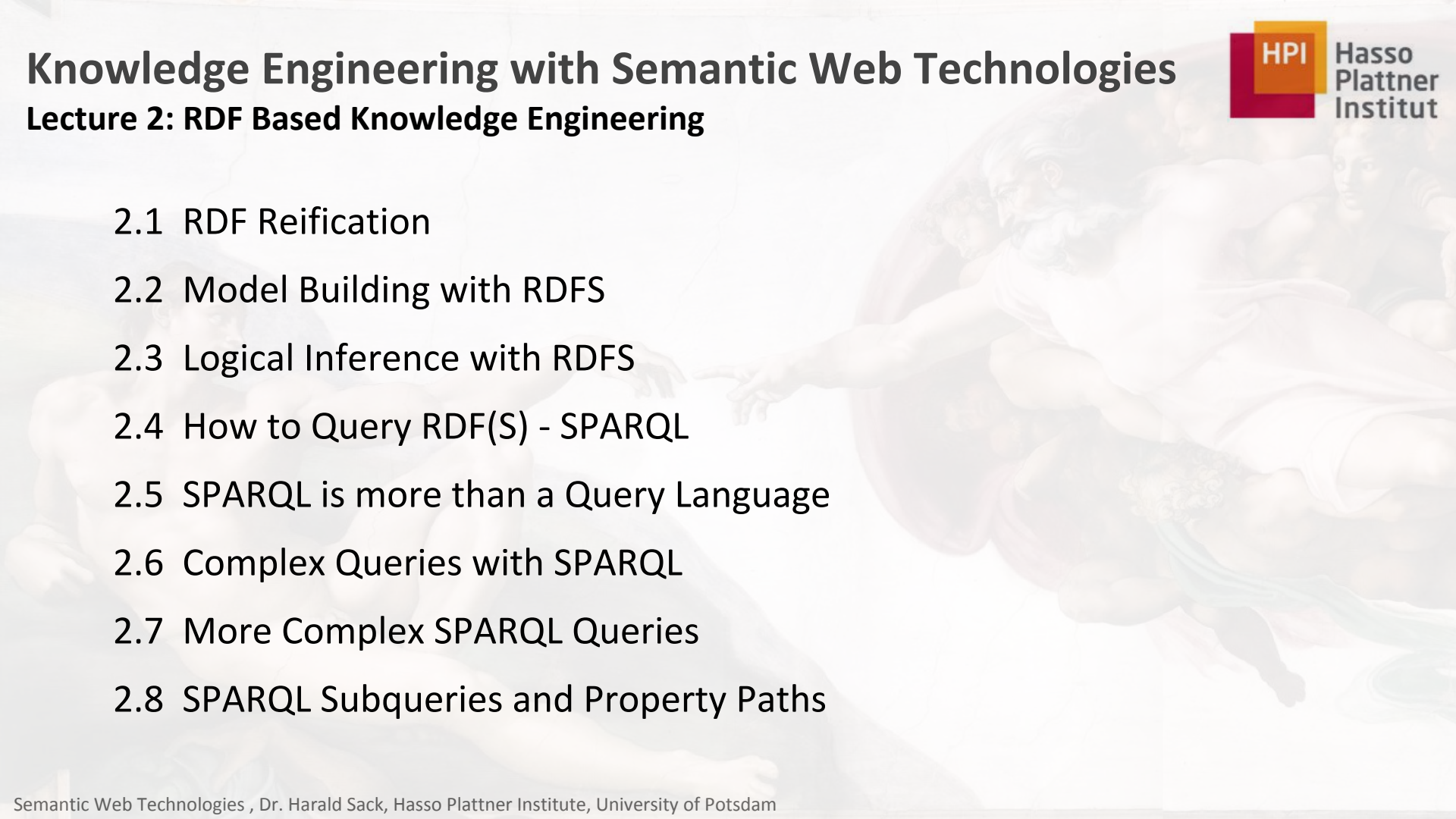


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Autumn 2015



# Knowledge Engineering with Semantic Web Technologies

## Lecture 2: RDF Based Knowledge Engineering

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- 2.1 RDF Reification
  - 2.2 Model Building with RDFS
  - 2.3 Logical Inference with RDFS
  - 2.4 How to Query RDF(S) - SPARQL
  - 2.5 SPARQL is more than a Query Language
  - 2.6 Complex Queries with SPARQL
  - 2.7 More Complex SPARQL Queries
  - 2.8 SPARQL Subqueries and Property Paths

# Knowledge Engineering with Semantic Web Technologies

## Lecture 2: RDF Based Knowledge Engineering

**EXTRAS - to complement the lecture** *(not officially part of the course)*

2.9 EXTRA: RDF Knowledge Bases

2.10 EXTRA: SPARQL Data Management and Algebra

2.11 EXTRA: RDF and the Web