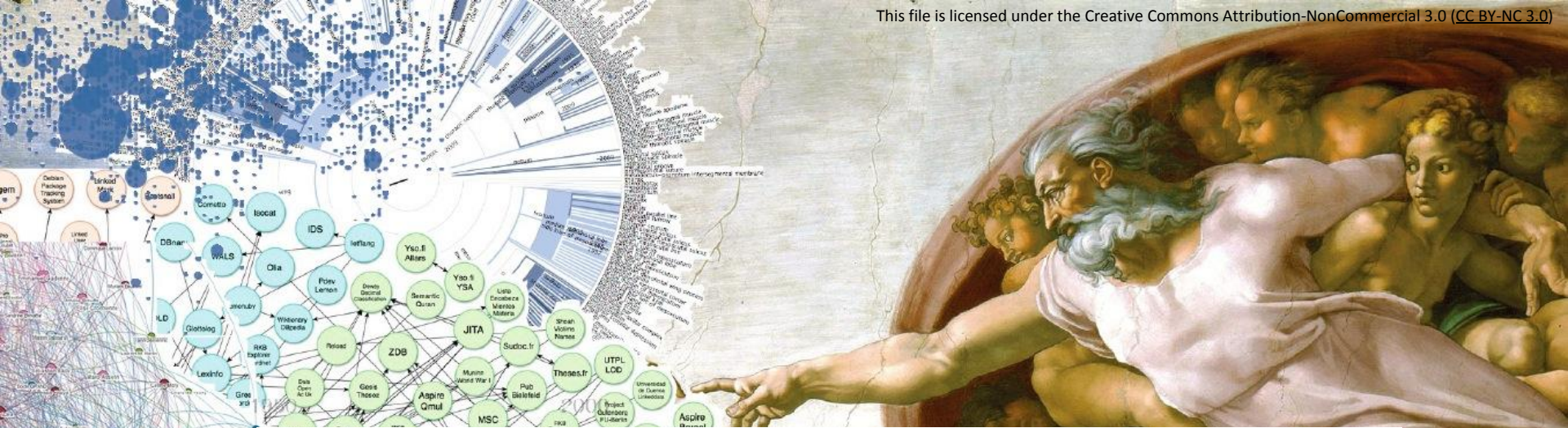




Information Service Engineering

Lecture 3 - Linked Data Engineering I

3.0 Lecture Overview



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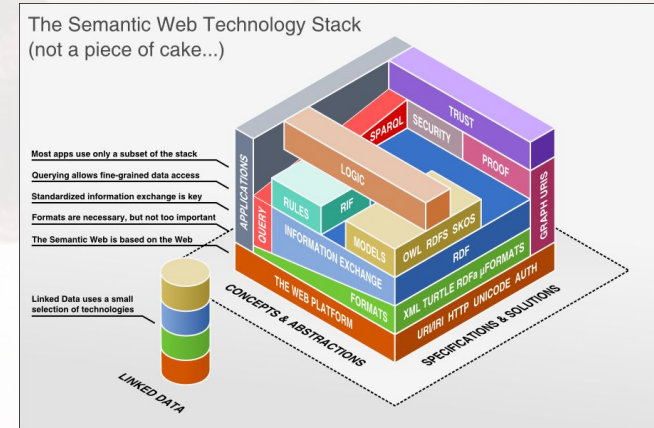
Prof. Dr. Harald Sack & Dr. Maria Koutraki
FIZ Karlsruhe

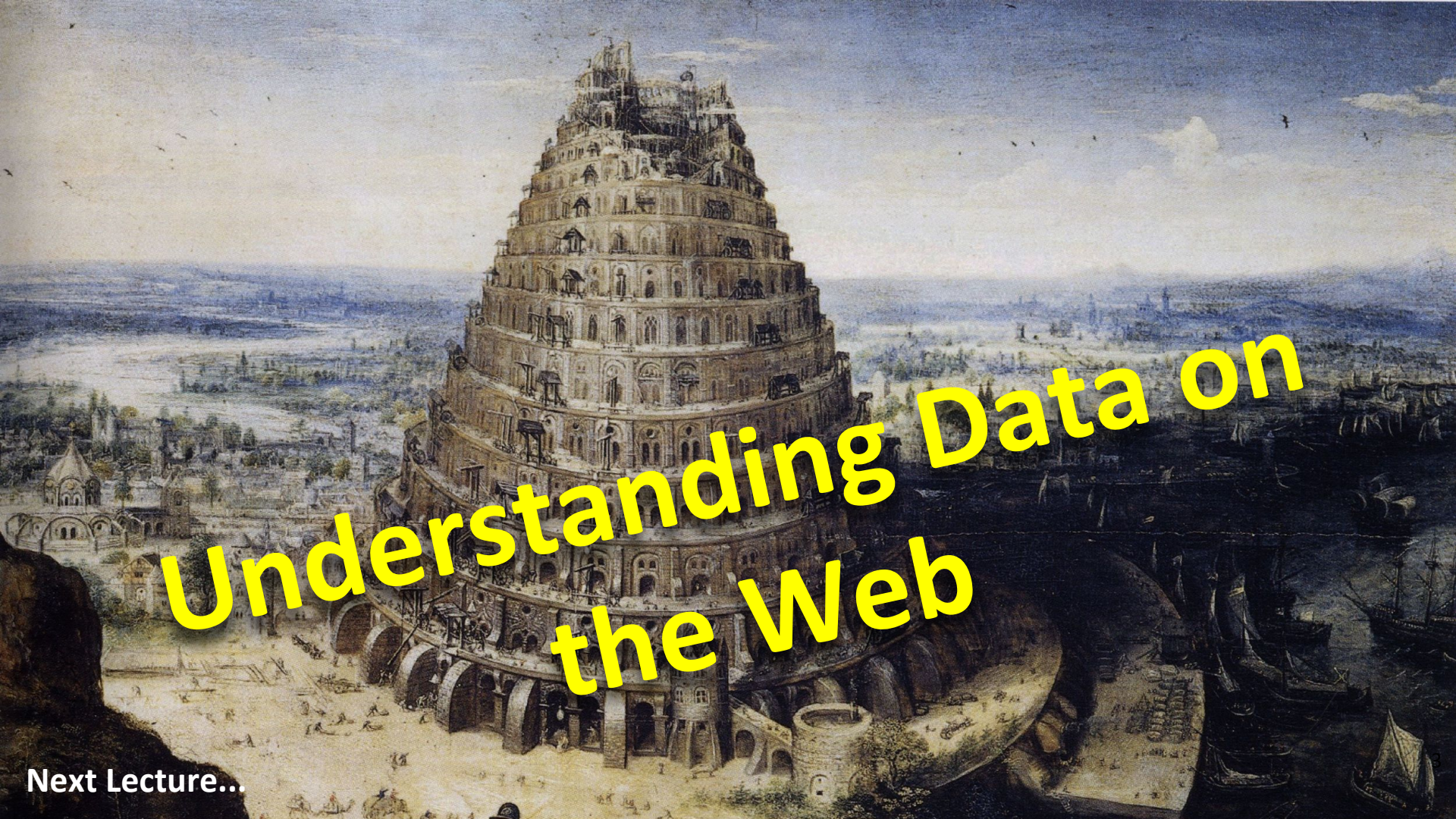
Leibniz Institute for Information Infrastructure
Karlsruhe Institute of Technology
Spring 2018

Information Service Engineering

Lecture 3: Linked Data Engineering I

- 3.1 Understanding Data on the Web
- 3.2 Towards a Universal Data Representation
- 3.3 How to Identify and Access Linked Data
- 3.4 Representing Facts with RDF
- 3.5 RDF Turtle Serialization
- 3.6 Model Building with RDFS
- 3.7 Logical Inference with RDF(S)





Understanding Data on the Web

Next Lecture...

Picture References:

- P.3: "Lucas van Valckenborch, The Tower of Babel (1594)
https://commons.wikimedia.org/wiki/File:Tower_of_Babel_cropped_square.jpg