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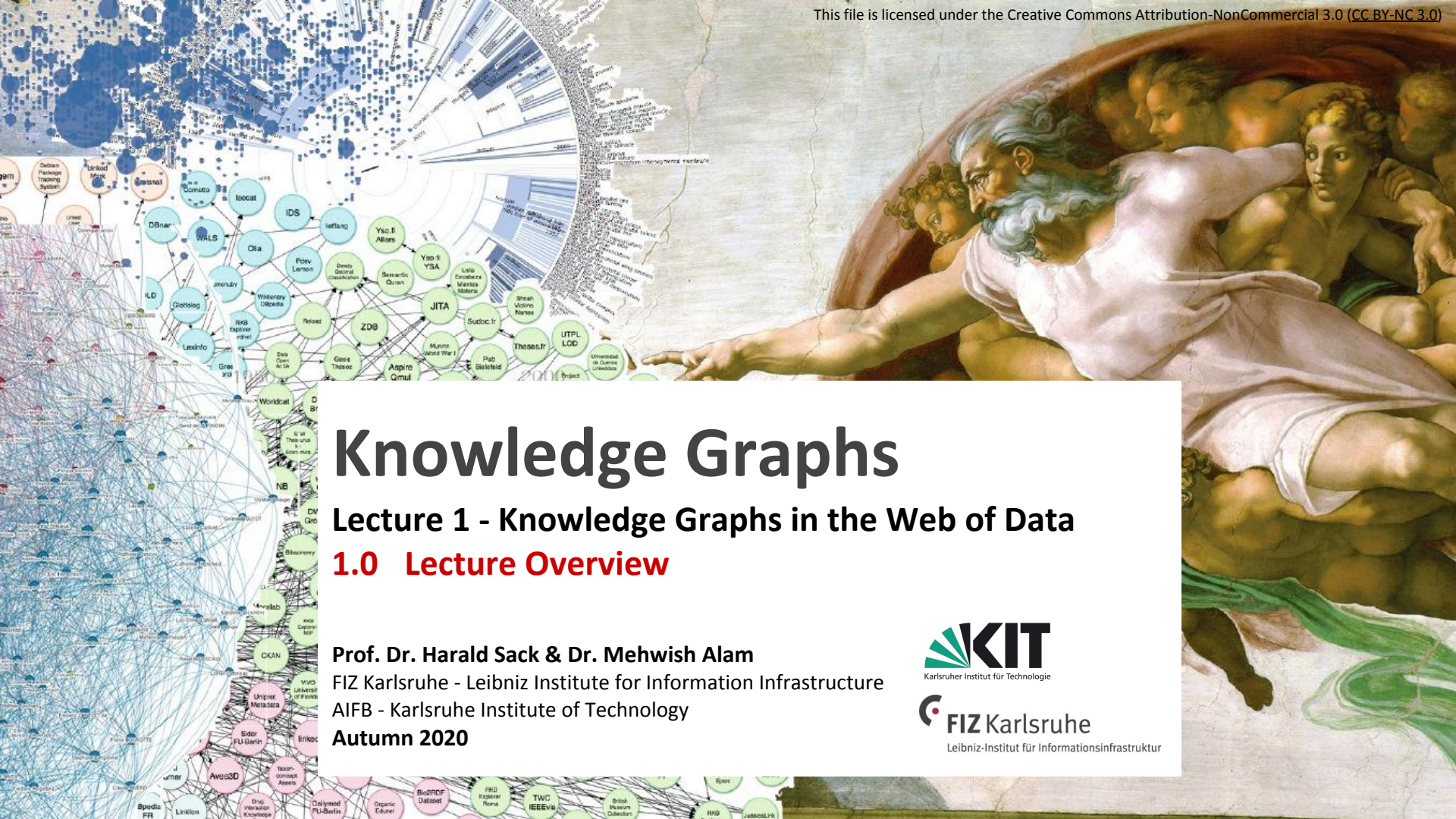

# Knowledge Graphs

## Lecture 1 - Knowledge Graphs in the Web of Data

## 1.0 Lecture Overview

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**Autumn 2020**

Karlsruher Institut für Technologie

FIZ Karlsruhe
Leibniz-Institut für Informationsinfrastruktur

# Knowledge Graphs

## Lecture 1: Knowledge Graphs in the Web of Data

1.1 Data, Information, and Knowledge

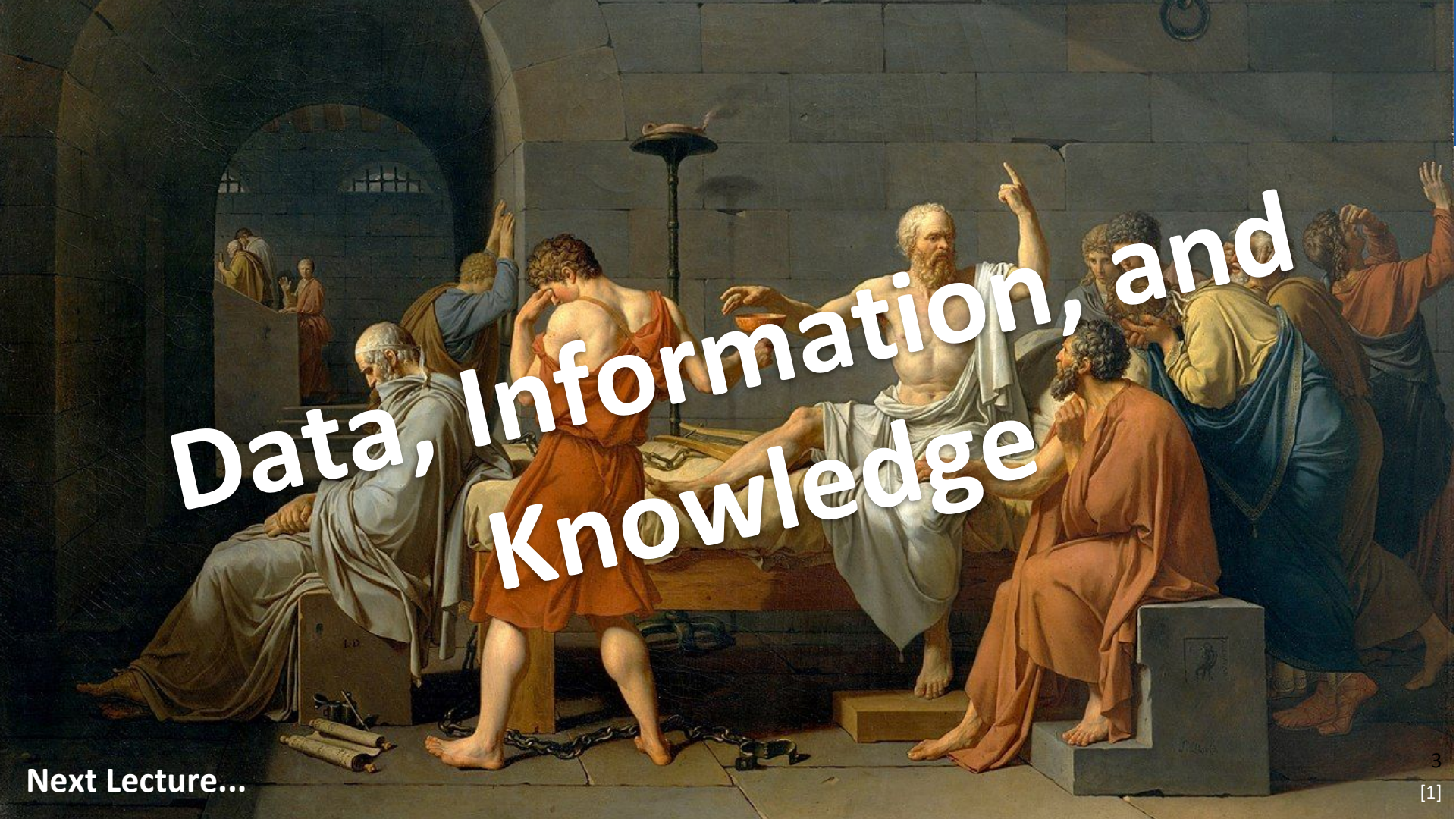
1.2 How to Represent Knowledge?

1.3 The Art of Understanding

1.4 Towards a Universal Knowledge Representation

1.5 The Semantic Web

1.6 Linked Data and the Web of Data



# Data, Information, and Knowledge

**Next Lecture...**



[1]

## Picture References:


- [1] Jacques Louis David, The Death of Socrates (1787), https://commons.wikimedia.org/wiki/File:David_-_The_Death_of_Socrates.jpg