

## **Introduction of Linked Data for Science**

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In this talk, I introduce Linked Open Data (LOD) which is a new and prominent technology to publish and share data on the web.

LOD, so-called “Web of Data”, is the application of Semantic Web to data publishing. By publishing data as LOD, data is easy shareable and linkable so that the global data space is easily formed. I explain the core technologies such as RDF, RDF Schema and the database for RDF.

Since LOD can create the global data-sphere where all data is connected but truly de-centralized, i.e., it does not need any centric mechanism to publish data, it is suitable for domains in which various data publishers should be collaborative like biodiversity.