

SIKS Advanced Course

The Semantic Web

DAY 1 (9:30-17:00)

Session: Introduction into the Semantic Web

- 9:30 - 9:45 **Introduction**
Rinke Hoekstra
Vrije Universiteit Amsterdam/Universiteit van Amsterdam
Laura Hollink
TU Delft
- 9:45 - 10:30 **A history of knowledge representation**
Hans Akkermans
Vrije Universiteit Amsterdam
- 10:30 - 11:00 **Ontology Engineering**
Laura Hollink
TU Delft
- 11:00 - 11:30 **Coffee Break**
- 11:30 - 12:00 **A History of the Web and the Semantic Web**
Willem van Hage
Vrije Universiteit Amsterdam
- 12:00 - 12:45 **Semantic Web Languages: RDF, RDFS, SPARQL**
Rinke Hoekstra
Vrije Universiteit Amsterdam/Universiteit van Amsterdam
- 12:45 - 13:45 **Lunch**

Session: Semantic Web in Practice

- 13:45 - 14:30 **Semantic Web and Cultural Heritage Data**
Michiel Hildebrand
Vrije Universiteit Amsterdam
- 14:30 - 15:00 **Coffee Break**
- 15:00 - 17:00 **Hands-on Session**
Marieke van Erp
Victor de Boer
Michiel Hildebrand
Vrije Universiteit Amsterdam

DAY 2 (9:30-17:00)

Session: Semantic Web and Other Fields

9:30 - 10:30 **Geospatial Semantic Web / Linked Science**
Tomi Kauppinen
Westfälische Wilhelms-Universität Münster

10:30 - 11:00 **Coffee Break**

Session: Reasoning on the Semantic Web

11:00 - 11:45 **Semantic Web Languages Cont'd: OWL**
Rinke Hoekstra
Vrije Universiteit Amsterdam/Universiteit van Amsterdam

11:45 - 12:30 **Large Scale Reasoning on the Semantic Web**
Jacopo Urbani
Vrije Universiteit Amsterdam

12:30 - 13:30 **Lunch**

Session: Semantic Web and Other Fields

13:30 - 14:30 **Social Semantic Web**
Fabian Abel
TU Delft

14:30 - 15:00 **Coffee Break**

15:00 - 16:00 **Semantic Web and Life Sciences**
Andrew Gibson
Universiteit van Amsterdam

16:00 - 17:00 **Provenance and the Semantic Web**
Paul Groth
Vrije Universiteit Amsterdam