

## Seminar Schedule

	Mo 31.03	Tu 01.04	We 02.04	Th 03.04	Fr 04.04
Focus	Geospatial reference	Spatial reference in Cognition	Spatial reference in Robotics	Spatial reference in the Semantic Web	The integrated view
<b>Morning 9:00-12:15</b>	Moderator: Simon	Moderator: Werner	Moderator: Verena	Moderator: Aldo	Moderators: Aldo, Werner
9:00	Welcome and introductory round (Simon)	Tutorial/intro: <u>A. Gangemi</u> : <i>Spatial frames across language and the Semantic Web</i>	Tutorial/intro: <u>M. Spranger</u> : <i>Spatial reference in robotics</i>	Tutorial/Intro: <u>P. Hitzler</u> : <i>Representing knowledge using Semantic Web standards</i>	Group work: How to link spatial references in SW and robotics?  How could a theory of spatial reference frames look like?  Discussion and synopsis
9:30	Tutorial/intro: <u>W. Kuhn</u> : <i>Geospatial Reference Systems</i>	Short presentations: - <u>M. Butz</u> : <i>Modeling the Body in the Mind</i> - <u>K. Rohlfing</u> : <i>Decontextualizing spatial words in the process of language acquisition</i> - <u>D. Wolter</u> : <i>Qualitative Relations vs. Locative Expressions</i> - <u>K.-F. Richter</u> : <i>Representing structural, functional and organizational dimensions of indoor spaces</i> - <u>Y. Sandamirs kaya</u> : <i>Grounding (spatial) language in sensorimotor experience: The neural dynamic approach</i>	Short presentations: - <u>V. Hafner</u> : <i>Attention models in robotics</i> - <u>S. Bodiroza</u> : <i>Gestures in Human-Robot Interaction</i> - <u>B. L. Guzman</u> : <i>Self-organizing internal models architecture (SOIMA)</i> - <u>M. Spranger</u> : <i>Evolutionary spatial semantics - Experiments with Robots</i> - <u>M. Niitsuma</u> : <i>Human-Objects/ Environment Interaction</i>	Short presentations: - <u>A. Cregan</u> : <i>An Analysis of the Semantics of Spatial Representation and Relations</i> - <u>B. Bennett</u> : <i>Spatial Descriptions in Formal and Natural Languages</i> - <u>G. Guizzardi</u> : <i>Cross-World Identity in Conceptual Spaces</i> - <u>T. Scharrenbach</u> : <i>Linked Raster Data</i>	
10:00	Short presentations: - <u>N. Chrisman</u> : <i>Why spatial reference should eschew projections</i> - <u>S. Winter</u> : <i>Place-based GIS</i> - <u>H. Couclelis</u> : <i>"The kids are in the kitchen!!" Artificial spaces as place-reference systems</i> - <u>S. Scheider</u> : <i>Treasure maps: Spatial reference systems for the common man</i>				
10:15					
12:00					Wrap up and goodbye: Verena
<b>Afternoon 14:30- 18:00</b>	Moderator: Werner	Moderator: Aldo	Hike to Bardenbacher Fels	Moderator: Simon	
(15:30-16:00 coffee break)	Group work	Group work		Group work	