Semantically annotated Web services (SWS) bring the ideas of the Semantic Web to the Service Oriented Computing paradigm as represented by Web services. They aim at facilitating the automation of discovery, mediation, and composition of Web Services using semantic annotations.

With the increasing number of technologies being developed, the problem of how to compare and evaluate the various approaches gains more and more importance. Such evaluation is critical not only for future scientific progress, but also for the industrial adoption of the developed technologies. The presentation will give an overview of the state of the art in SWS evaluation and discuss current issues as well as possible solution approaches.