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Defining a Semantic Web Initiative for High Energy Physics

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During a recent visit to SLAC, Tim Berners-Lee challenged the High Energy Physics community to identify and implement HEP resources to which Semantic Web technologies could be applied. This challenge comes at a time when a number of other scientific disciplines (for example, bioinformatics and chemistry) have taken a strong initiative in making information resources compatible with Semantic Web technologies and in the development of associated tools and applications.

The CHEP conference series has a strong history of identifying and encouraging adoption of new technologies. The most notable of these technologies include the Web itself and Grid computing. The Semantic Web could have a similar potential.

Topics of discussion in this BoF include (but are not limited to):
Definition of the Semantic Web; Semantic Web component technologies; Review of current Semantic Web-related efforts in HEP; Semantic Web resources that are publicly available; What needs to be done next.

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