

## OVERVIEW ON THE VAMDC PROJECT

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In this presentation I will give an overview on the purpose, the functionality, and the current status of the Virtual Atomic and Molecular Data Centre (VAMDC, see M.L. Dubernet et al. 2010, JQSRT 111, 2151). VAMDC is an EU-FP7 e-infrastructure project which has been set up to build a common electronic infrastructure for the exchange and distribution of atomic and molecular data. Two dozen teams from six EU member states (Austria, France, Germany, Italy, Sweden, United Kingdom) as well as Russia, Serbia, and Venezuela have been working together since July 2009 and the three and a half year long project has now achieved many of its original goals. Most importantly, it now offers a generic user interface, the VAMDC Portal, which allows access to currently 18 different atomic and molecular data bases in a unified way extending the original functionality of the individual data bases. In my presentation I will explain what is inside VAMDC and how it can be used, make a few user demonstrations, and also discuss some future perspectives.