

Abstract Submitted  
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**A Web-based Delphi System for Evaluating Plasma Properties**

JUN-HYOUNG PARK, MI-YOUNG SONG, National Fusion Research Institute — Plasma data bases are necessarily required to compute the plasma parameters, high reliable data bases are closely related with accuracy enhancement of simulations. Therefore, in this work, we developed a web-based Delphi system to obtain more accurate plasma properties such as electron-atom and electron-molecule collision cross sections. The Delphi method is a well-known structured communication technique which relies on a panel of experts. In principle, forecasts or decisions from a structured group of individuals are more accurate than those from unstructured groups. In our system, a number of plasma property experts can evaluate the plasma data using web sites that allow the process to be conducted in real-time.

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