

FactSage activity and application in Japan

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RCCM, the Research Center of Computational Mechanics, is the FactSage representative in Japan. RCCM was established in 1982 and has been doing software development and contract analysis based on structural mechanics or fluid dynamics. The software fields covered are structure, mechanics, CFD (computational fluid dynamics), civil engineering & construction, medical field, acoustics and thermodynamics. Since 2001, we have been selling FactSage and related products (e.g., ChemApp, ChemSheet and KilnSimu) to Japanese customers. The number of FactSage user licenses in Japan is now exceeds more than two hundred. We also offer introduction and advanced training courses and technical support for using the software.

In this talk, I will introduce trends in software usage and highlight of selected research related to FactSage in Japan.

We also provide thermodynamic database named GeDb, RCCM Gibbs energy Database for FactSage [1]. It is free of charge and can be edited with Compound and Solution apps. So, we hope that it will be helpful as a starting point of your CALPHAD assessment for multicomponent system.

References:

[1] <https://www.rccm.co.jp/factsage/gedb-open/periodic.html>