

ESTABLISHING MATERIALS MODELLING MARKETPLACES: FROM INTEROPERABILITY TO COOPERATION

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Designing a system of interoperable marketplaces has been central to the European Commission's strategy for digitalization in materials modelling within the LEIT NMBP line of the Horizon 2020 research and innovation programme. This includes the Virtual Materials Marketplace (VIMMP), MarketPlace, MARKET4.0, and DOME 4.0. This impulse talk summarizes work in progress concerning semantic interoperability from the point of view of the VIMMP project, with a focus on perspectives for interoperating with other marketplaces and digital platforms. Challenges are identified regarding the uptake of the FAIR principles in domains of knowledge from materials modelling, aiming at discussing the best way forward jointly with the participants of the EMMC International Workshop.

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