

open seminar series

第21回 情報統合型研究交流会

Cloud Computing and Big Data Analysis for Materials Data



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10:30 – 11:30

Seminar Room, 8th Floor,
Main Bldg. NIMS Sengen site

With the materials genome innovation (MGI) proposed, materials data, high-throughput experiments, and high-throughput computations are considered to be the three key factors. In this talk, through our experiences in implementing Shanghai and national major MGI projects, I will focus on how to facilitate cloud computing and big data analysis for material informatics. Especially, it covers materials data formal representation and knowledge reasoning using ontology, cloud computing for materials data center construction, high performance distributed data mining and big data analysis for materials data, system demonstration, etc.

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