

# **International activities for Interoperability of Material Databases, CEN WS ELSSI-EMD/VAMAS TWA35/AMDC and CODATA**

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## **ABSTRACT**

Last year, two international activities into interoperability of materials databases had been organized. One is a workshop organized by CEN (European Committee for Standardization), named 'Economics and Logistics of Standards compliant Schemas and ontologies for Interoperability - Engineering Materials Data' (ELSSI-EMD). The other is a new Technical Working Area, TWA 35 Materials Databases Interoperability, of VAMAS (Versailles Project on Advanced Materials and Standards).

They both discussing data schemas, ontologies for computer readable reporting of materials manufacturing processes, test methods, conditions or results and trying to combine ISO TC 184 product information management. Also, materials science institutes in Asia, Japan, China, India, Russia and Korea are organized Asian Materials Database Committee (AMDC) and started to discussion. CODATA Task Group for exchangeable materials data representaion have same interest with them and have good opportunity for international collaboration.