

An Analytics Platform for Collaborative Information Analysis and Knowledge Discovery

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Technology Summary

Real-world analysis tasks require digesting a large volume of information under tight resource constraints with intelligence and skills commensurate with human experts. Current algorithmic techniques fail to deliver the expected analytics intelligence while group-based human analysis operations are not well coordinated and often exceed available resources. We will therefore develop temporally evolving user performance modeling techniques and coupled, user performance driven optimization models to schedule and coordinate experts for maximizing collaborative analysis productivity of a team of experts while meeting resource and process constraints.

Inventor

XU, SONGHUA

Computational Sciences & Engineering Div

Licensing Contact

SIMS, DAVID L

UT-Battelle, LLC

Oak Ridge National Laboratory

Rm 124C, Bldg 4500N, MS: 6196

1 Bethel Valley Road

Oak Ridge, TN 37831

Office Phone: (865) 241-3808

E-mail: SIMSDL@ORNL.GOV

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