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Progressive Visual Analytics

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Deadline for manuscript
submissions:

closed (28 January 2019)

Message from the Guest Editor

This Special Issue of the Informatics Journal welcomes submissions on the topic of Progressive Visual Analytics (PVA). PVA is motivated by both data size and complexity and computationally expensive analysis methods. The main idea behind PVA is to produce a sequence of partial results, either subdividing the data into chunks that are individually processed or designing the analytic process into computational steps that iteratively refine the analytic results. Using such strategies allows a PVA application to meet specific time constraints, which can range from tenths of seconds, to ensure interaction fluidity, to minutes or hours, to complete sub-tasks within application dependent timeframes. Dealing with partial results of increasing completeness and correctness calls for effective methods that inform the user of the usefulness and completeness of the intermediated results they are forced to deal with using a PVA solution.

We encourage authors to submit their original research articles, works in progress, surveys, reviews, and viewpoint articles in this field.



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Special Issue



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Message from the Editor-in-Chief

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