DDA - Designing Distributed Graph Algorithms

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**Job description:** You will take part in our ongoing research related to the theory of distributed graph algorithms. You will get the opportunity to design novel distributed algorithms that are very efficient also in huge computer networks. You do not need to have prior knowledge of distributed computing, but you are expected to have a strong background in mathematics (e.g., graph theory, combinatorics, probabilities) and theoretical computer science (e.g., algorithms, data structures, models of computing, combinatorial optimisation). We often use computational techniques in algorithm design, so there will be also plenty of opportunities for computer programming and running experiments on high-performance computer clusters. Recommended for the students of ICS-E5020.

**Additional information:** Research group: [http://research.ics.aalto.fi/da/](http://research.ics.aalto.fi/da/)