# Bachelor Thesis Topic

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Objective

Enable computation of an arrangement of *unbounded* polylines using CGAL (www.cgal.org), which stands for Computational Geometry Algorithms Library. CGAL comprises the state of the art implementations of algorithms related to computational geometry. The existing traits class in CGAL which handles polylines can only process bounded ones. In this project the student will correct the code and will implement the missing pieces to enable the computation of an arrangement of unbounded polylines.
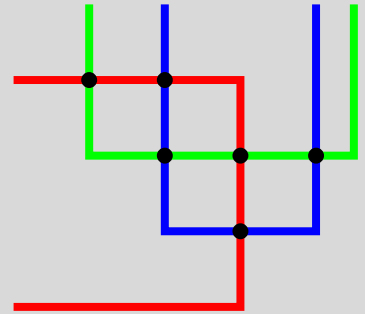
Motivation

Improve C++ skills and take part in developing one of the most important tools of the community of computational geometry!

Prerequisites

Strong experience in generic programming in C++.

Further Details

Interested students should apply no later then 2.9.2013. For further details contact:

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