

## We develop 3D

We develop efficient yet robust 3D/CAD/CAM software for the processing, analysis and modelling of 3D data. With our strong background in geometry and mathematics we create unique solutions.



Deforming matching for 3D face animation

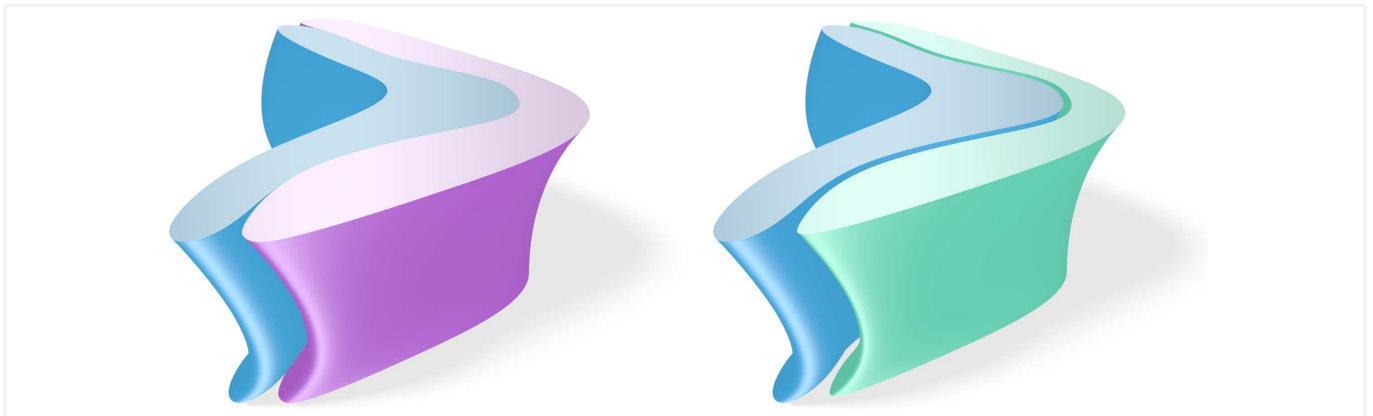
## Our service portfolio

- Individual development of tailor-made stand-alone software
- Development of sophisticated, ready for use software modules for integration into existing applications
- Comprehensive portfolio of reliable algorithms as a result of decades of experience
- The 3D core of our software as well as all our software modules are in-house developments from scratch

## Our core competencies

- 3D matching and SLAM both rigid and deforming
- Robust, efficient processing of point clouds and meshes
- Feature detection on 3D models
- Automated, parametric modelling

## High-precision fine alignment with **intercusp**



### What is **intercusp**?

Intercusp calculates a high-precision fine alignment either in an intersection-free maximum pivot point contact (left) or within predetermined distances (right). That way our algorithms select the ideal assembly pair out of all possible part combinations.

### Your advantages and benefits

- Ready for use DLL software module
- Easy integration into existing software - user interface stays familiar
- Processing of various geometric representations (NURBS, meshes, point clouds, etc.)
- Algorithm provides for accuracy and reliability
- High performance and efficiency
- Platform independent (Windows, Mac, Linux)
- Individually adapted API
- Reliable support, regular updates

