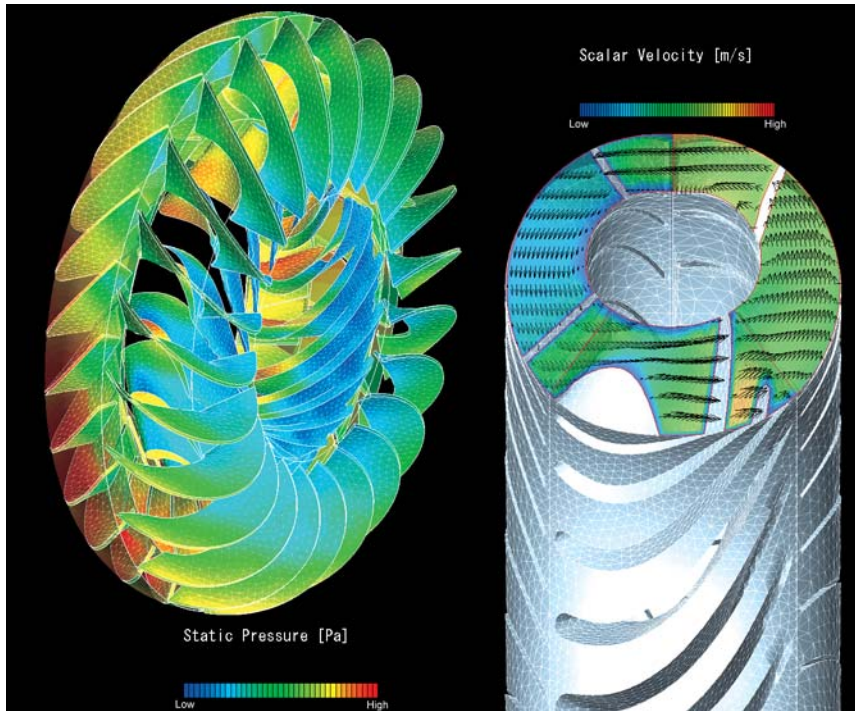


## Other Cases Studies

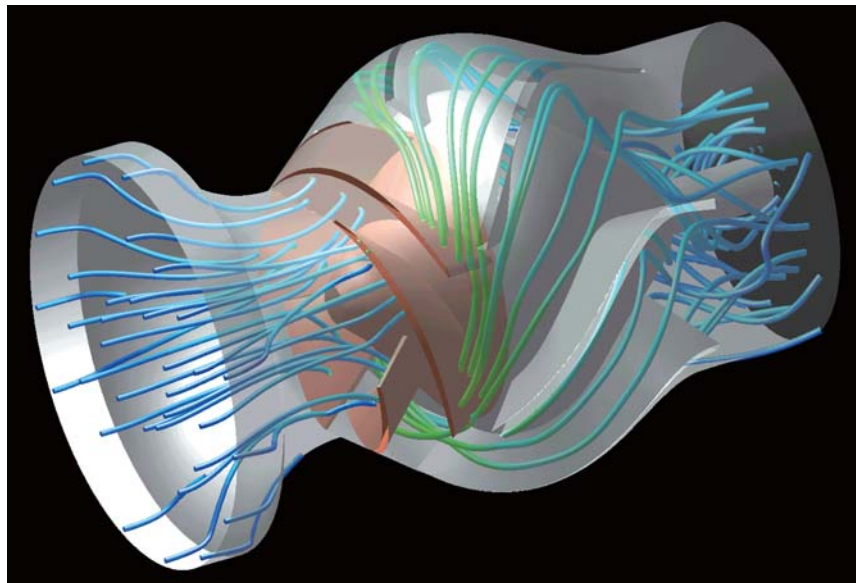
### Case Study of SC/Tetra

#### Torque Converter

Torque converter is a turbomachinery that transmits rotating power with fluid. It is often used for automatic transmissions on automobiles. Rotation of pump blades directs the oil in a torque converter to the turbine blades, then the inertia force of the oil rotates the blades and transmits the torque. Fluid analysis reveals complex flow dynamics in a torque converter and enables performance evaluation by calculating pressure and torque values.

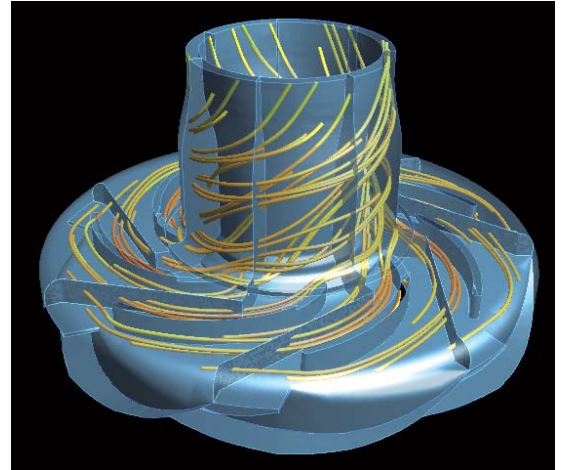


#### Mixed flow pump

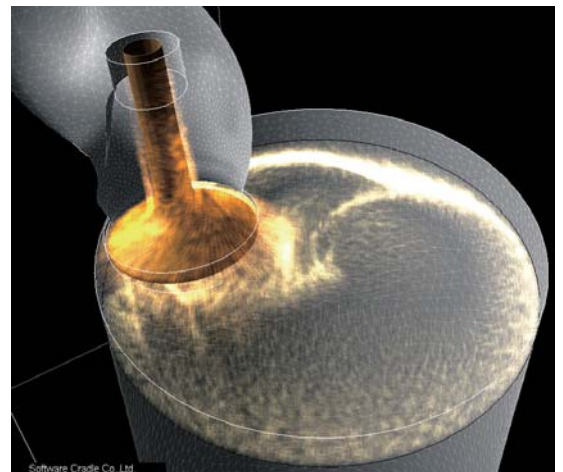


Pump internal flow analysis for high-efficiency impeller and casing. Computation of swirl ratio and/or tumble ratio of engine port.

#### Multistage pump



#### Engine port



#### Vortex blower

