



Summary



- Delft (the Netherlands) - Lecture
- Leuven (Belgium) - Research
- Exchange student life
 - to make friend, to know culture etc...



Research

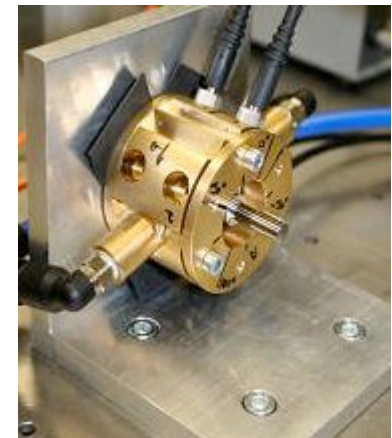
Katholieke Universiteit Leuven

-Power MEMS Project-

Theme : Dynamic balancing of a micro-turbine rotor

Task : To balance a rotor supported on air bearings.

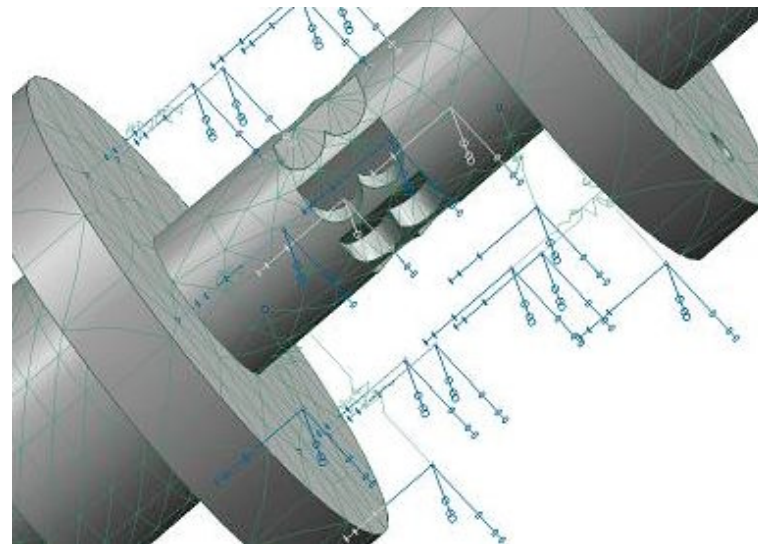
After balancing, the rotor should rotate
at a higher speed (nearly 100,000 rpm).



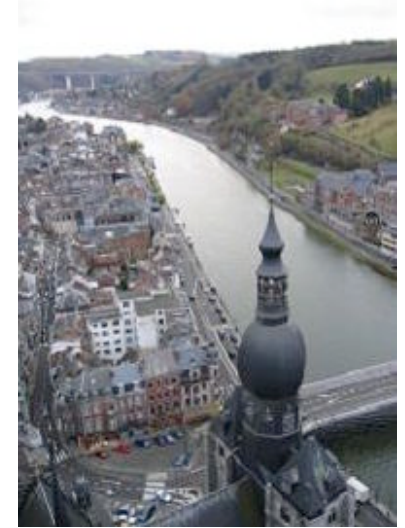
Research

What I did :

- Balancing test at high speed using
‘Two-plane balancing method with influence coefficient’
- Simulations with Unigraphics and MATLAB
- Comparison of the result from testing with simulation



Exchange student life



-Making friends

-Culture

-Party

-Travel