

Pascal De Vincenzo
OPEN ENGINEERING

Michel Saint-Mard
TAIPRO ENGINEERING

Brussels, June 1 2010

Infoday NMP and Factories of the Future

Project idea

- <TITLE?>
- Fields
 - Micro-fabrication
 - Smart materials
- Micro-fabricated vibration sensors or switches based on piezoelectric materials
 - Low frequency vibration sensor parametric design (incl. IC), manufacturing, testing, packaging, microassembly, validation
 - Low consumption
 - Easy to adapt to customer need

Idea Description

- Innovative vibration sensors or switches with short time to market to provide fast answers to tailored applications
- Main expected results
 - Parametric design
 - Patent of this design and associated products

Our competences

- Taipro
 - Packaging & micro assemblies
 - Integration design
 - Test case specification for end users
- Open Engineering
 - CAE design - Multiphysics numerical simulations of the parametric device

Looking for...

- Material provider
 - Piezo ceramics (film deposition)
- IC design
- System testing
- Manufacturing provider

Contact info

- Open Engineering
- Rue des chasseurs ardennais, 4
4031 Angleur
- www.open-engineering.com
- Pascal De Vincenzo
- +32.4.372.93.45
- p.devincenzo@open-engineering.com
- Taipro Engineering
- Rue Bois Saint-Jean, 15/17
4102 Seraing
- www.taipro.be
- Michel Saint-Mard
- +32.4.382.44.94
- m.saintmard@taipro.be