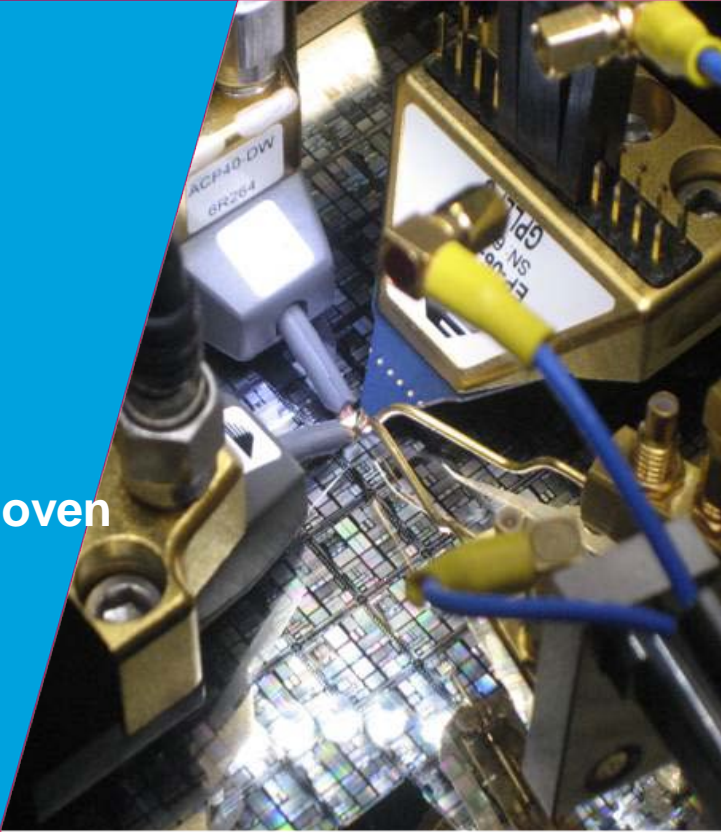


CWTe Research Retreat

Opening & Introduction

Peter Baltus
Director Centre for wireless Technology, Eindhoven

October 18th, 2011



- **Welcome!**
- **Second retreat**
- **Combination of:**
 - **Vision & achievements**
 - **CWTe and partners**
- **University environment**
- ➔ **Test at end**

Invitation CWTe 2011 Research Retreat

Date: Tuesday, 18th of October 2011
Location: De Zwarte Doos, 1st floor, TU Eindhoven
Organization: Centre for Wireless Technology Eindhoven

- 9.30 Welcome with coffee
- Introduction and Key Notes**
- 10.00 Opening and introduction
- 10.10 Just Imagine...CWTe
- 10.30 Key Note: Innovation Innovation
- 11.15 Break (incl. posters)
- 11.35 Key Note: Radios living on air
- Lunch**
- 12.20 Lunch (incl. posters)
- Project presentations**
- 13.30 When to wake up? Low power Wake-Up Receiver Design
- 14.00 Fetal monitoring on the move, from a hospital to in-home setting
- 14.30 Break (incl. posters)
- 14.50 System Study of a 60 GHz Wireless-Powered Monolithic Sensor Sys
- 15.20 Antenna innovations in CWTe projects
- Closing**
- 15.50 Closing session
- 16.15 Drinks and networking

For registration: [click here](#)

CWTe Research Retreat

“Just Imagine... CWTe”

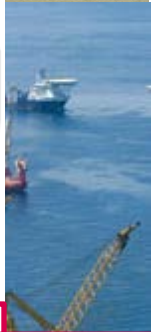
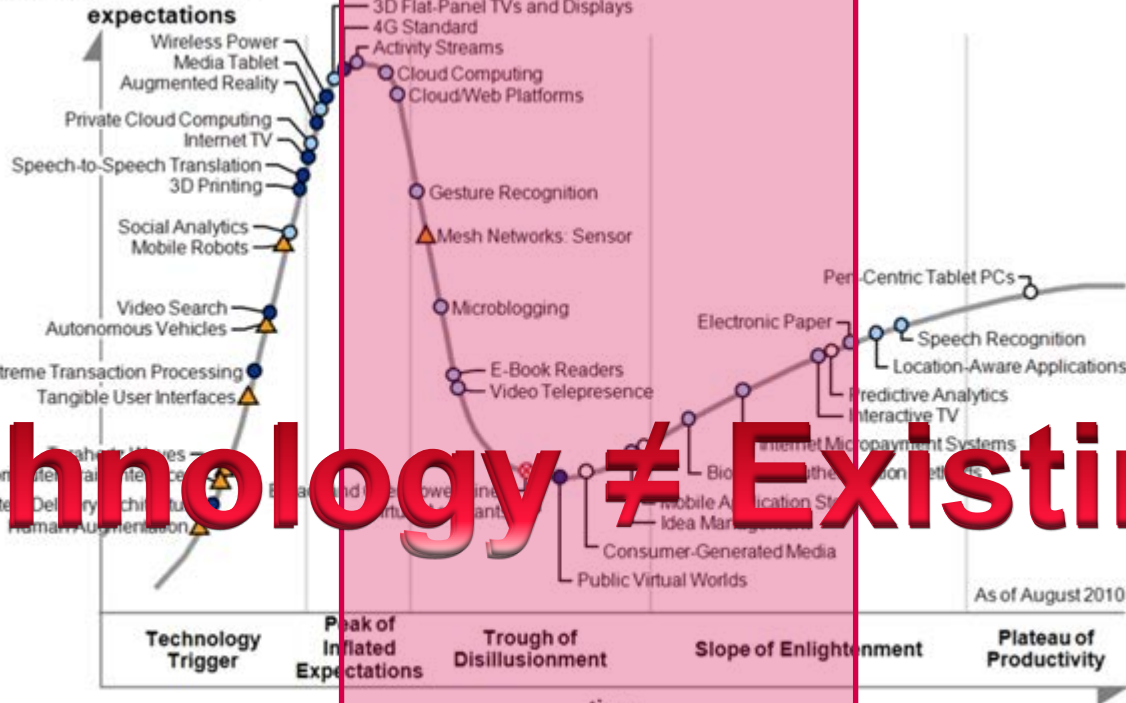
Peter Baltus

October 18th, 2011

Exercise



2010 EMERGING



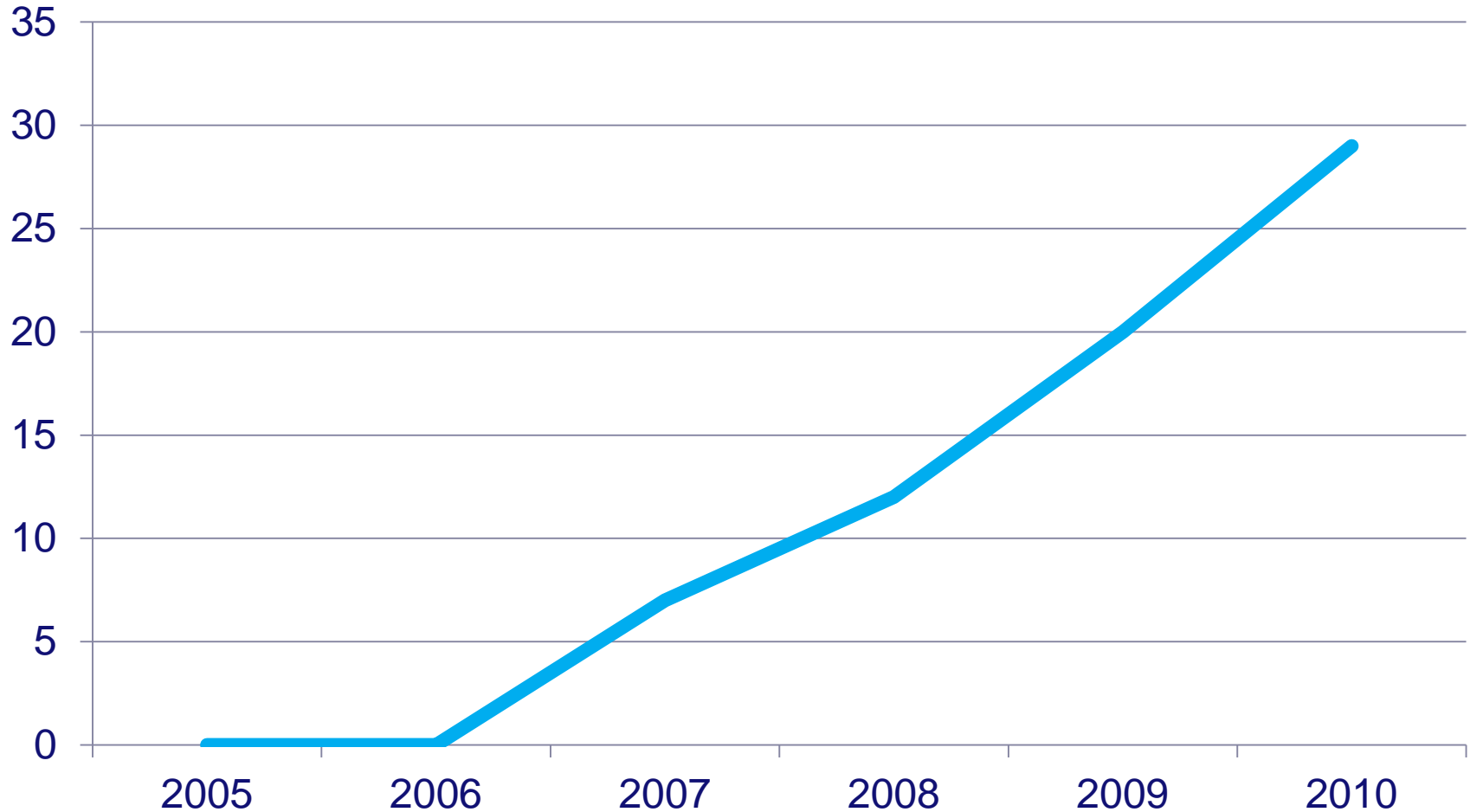
Technology ≠ Existing

Consequences: Talent, Money, Customers



Long-Term Foundation

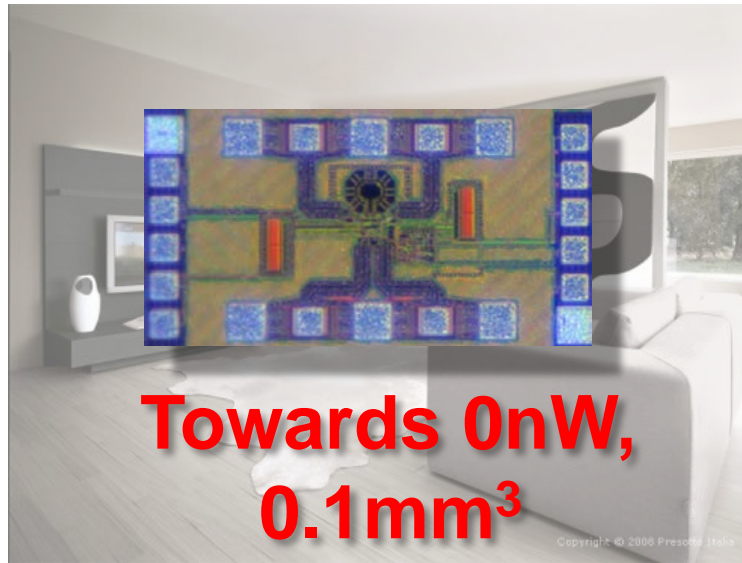
Researchers versus time



Just Imagine



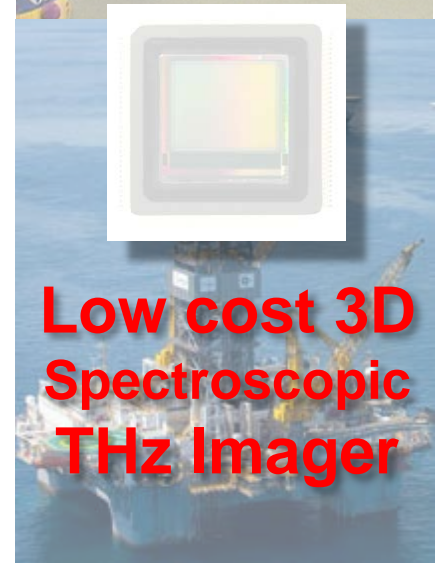
Towards 1Tbps



**Towards 0nW,
0.1mm³**

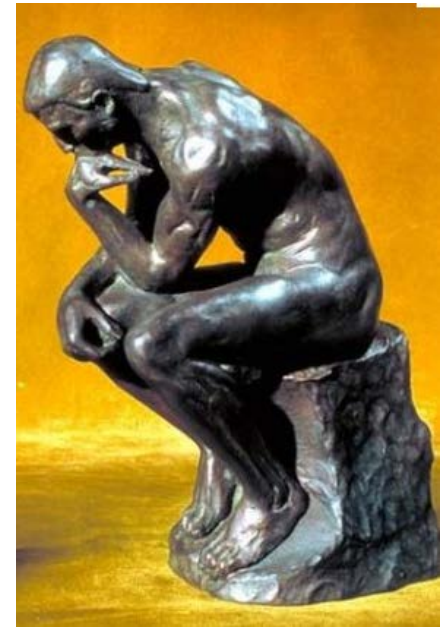


Marion Matters



**Low cost 3D
Spectroscopic
THz Imager**

- **Contribution to positive changes:**
 - In technology
 - For society
 - For industry
- Inviting **you** to co-imagine CWTe:
 - Discussions, ideas, suggestions
 - Strategic & project partnerships
 - Program boards
 - Interactive tests



The End

- **Thank you for your attention!**
- **Are there any questions?**