

Alternative Career Paths After a PhD

Mathieu Cattenoz

Club des Chercheurs & ISEFRE

December 19, 2017

CIUP, Paris

UNIVERSITÉ PARIS-SUD

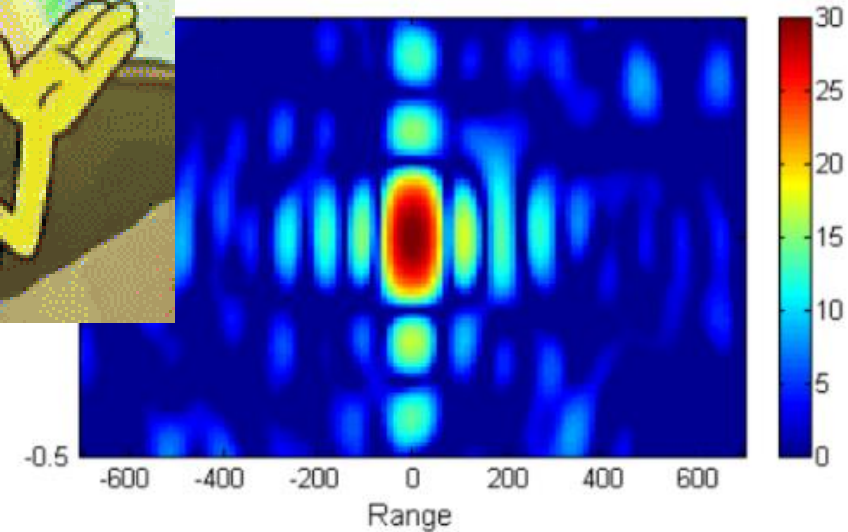
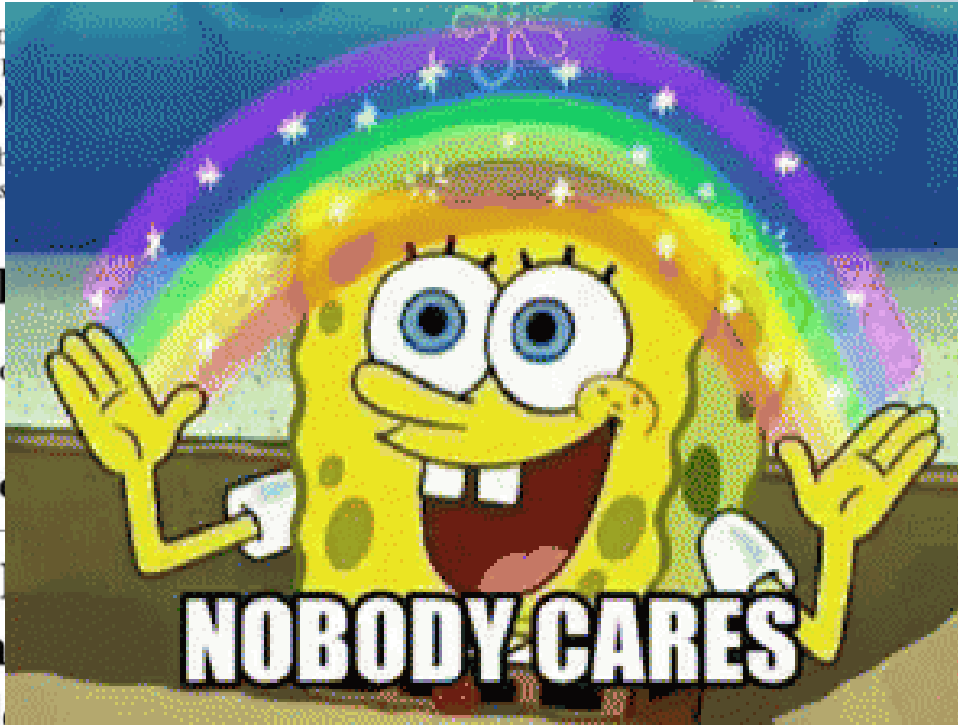
DOCTO
SCIENCES ET TECHNOLOGIES DE L'
D
ONERA — TH
L2S — Laboratoire des Signaux et Sys

PHD

COMPUTER ENGINEERING, AUT

Mathie

MIMO Radar
for Anticipating
Real World



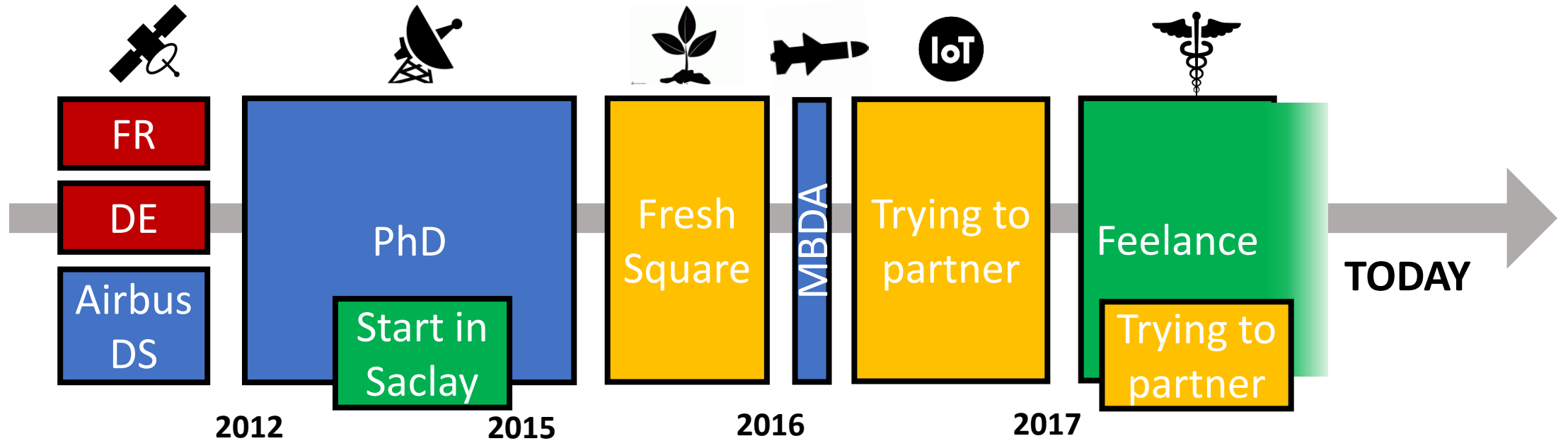
Defense date: May 27th, 2015

Thesis committee:

Reviewers: Philippe FORSTER Professor (Univ. Paris-Ouest and SATIE, ENS Cachan)
Xavier NEYT Professor (Royal Military Academy, Bruxelles)

Examiners: François LE CHEVALIER Professor (Delft University of Technology and Thales)
Josef WORMS Mathematician (FHR, Fraunhofer-Gesellschaft)
Pascal CHEVALIER Professor and Expert (CNAM and Thales-Communications-Security)
Sylvie MARCOS Thesis director, Director of Research (L2S)

MY BACKGROUND



NEGATIVE VIEW: CHAOS

POSITIVE VIEW: CONSTRUCTION

Studies

Big companies

Small structures

Entrepreneurship

LEARNING BY DOING.

DON'T BE AFRAID OF (NEW) EXPERIENCES.



PHD + ENTREPRENEURSHIP

YOU DON'T NEED A SPECIFIC EDUCATION

EVERYBODY CAN BE AN ENTREPRENEUR.

EVEN WITH A PHD.
ESPECIALLY WITH A PHD.

PHD + ENTREPRENEURSHIP

DON'T UNDERESTIMATE THE VALUE OF YOUR PHD EXPERIENCE:



PHD + ENTREPRENEURSHIP

YOU'LL ALSO HAVE TO GO BEYOND THE "PHD SPIRIT":

YOU'LL HAVE TO OPEN TO OTHER DISCIPLINES

« DONE IS BETTER THAN PERFECT »

IT'S A BUSINESS! => ~~PUBLISH~~ MAKE MONEY OR PERISH

PHD + ENTREPRENEURSHIP

SOME STARTUPS FOUNDED BY DOCTORS:



PHD + ENTREPRENEURSHIP

« BUT I HAVE NO IDEA! »

Team up with someone who has.

Or find one: talk with people, read tech media, explore the internet.

Focus on the problems people have.

Give your idea a chance: survey, interviews, tests.

=> Your idea will evolve.

PHD + ENTREPRENEURSHIP

« BUT I DON'T HAVE ALL THE SKILLS! »

One skill you're passionate at, is good enough.

Team up with people who have complementary skills.

Learn by doing.

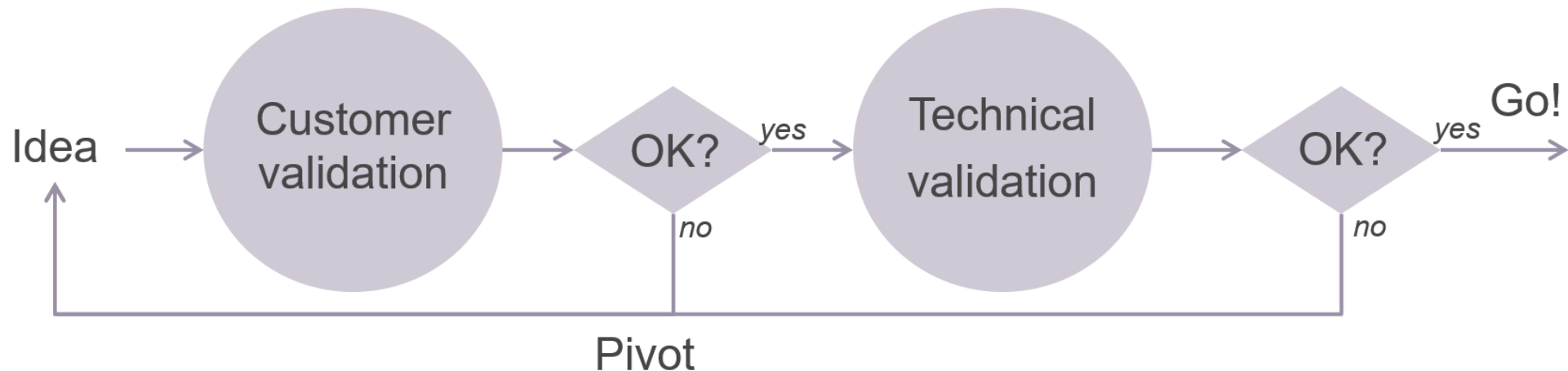
PHD + ENTREPRENEURSHIP

« BUT I DON'T KNOW WHAT TO DO THEN! »

« I RISK LOSING A LOT OF MONEY AND TIME! »

Learn from others.

Try, fail (quick), learn, improve.

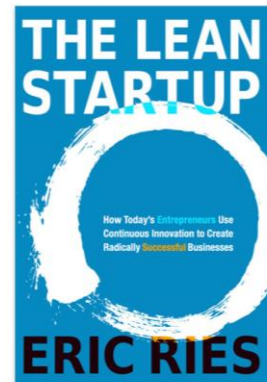
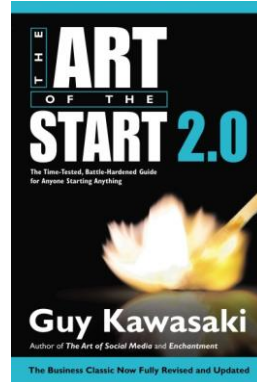


PHD + ENTREPRENEURSHIP

MEDIA



LEARNING



CONNECTIONS



French Startups
+ de 10 publications non lues



Silicon Students
+ de 10 publications non lues



NUMA Connect 1f
+ de 10 publications non lues



Paris Startup Ecosystem
+ de 10 publications non lues



HEC Entrepreneurship Community
+ de 10 publications non lues

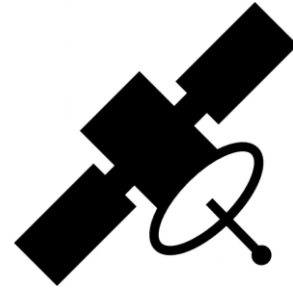


Meetup CEO / CTO
7 publications non lues

EVENTS



IN CONCLUSION



mathieu.cattenoz@gmail.com



Thank you!