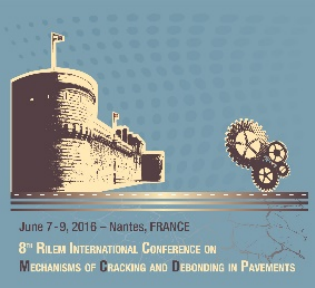




# Welcoming words from IFSTTAR

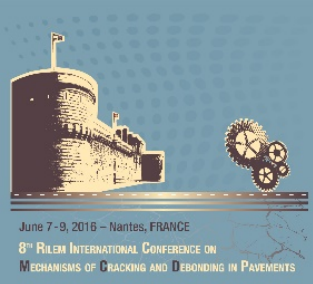
Serge Piperno,  
Scientific Director, IFSTTAR



# IFSTTAR - Key figures

- Staff : 1120 employees (~350 PhD students)
- Annual budget : 106 M€
- Each year : 400 scientific publications,  
~ 100 PhD defended
- 80 patents, 150 research projects  
(~ 50 European projects)



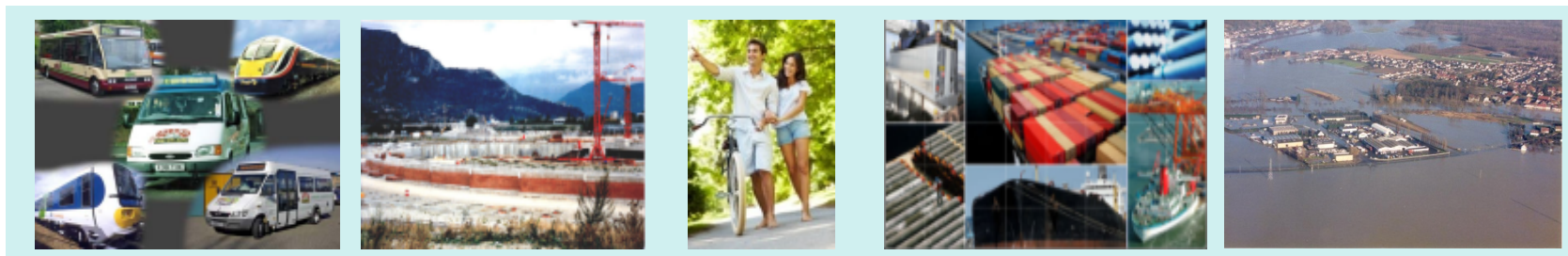


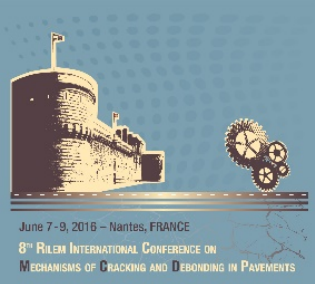
# IFSTTAR - Fields / domains

## MULTIDISCIPLINARY

Engineers sciences  
+  
Human and social sciences  
+  
Life sciences

- Civil engineering and building materials
- Natural hazards (characterization and impacts)
- People and goods mobility
- Safe transport systems
- Impacts of transport systems

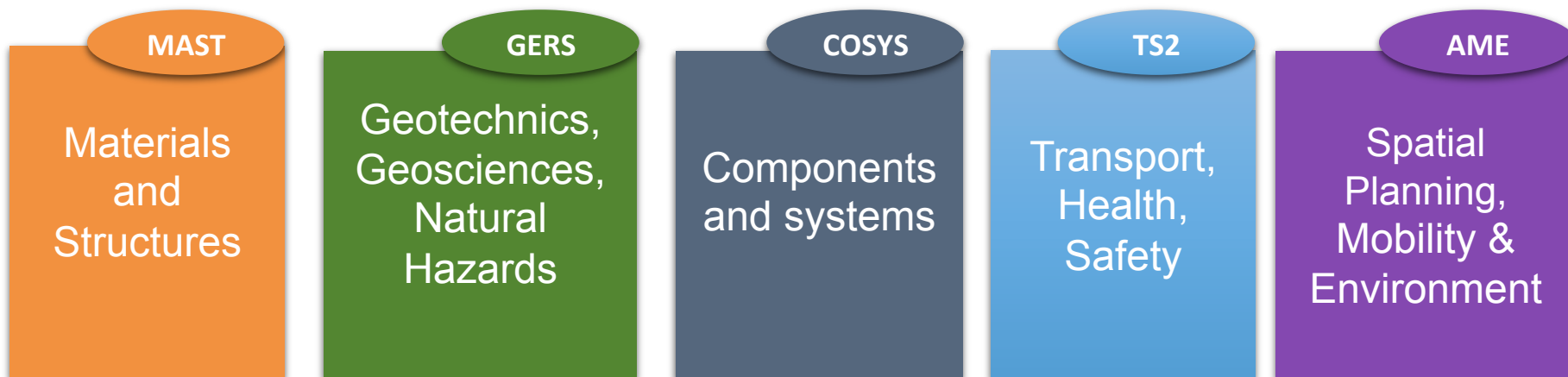


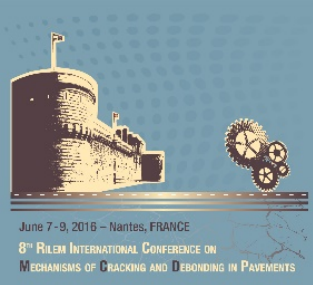


# IFSTTAR - Organization



## Five scientific departments





# IFSTTAR – a key initiative : R5G

## Why do we need R5G ?

- Bad image associated to road transport and construction
- Introducing existing innovations in the road field
- Need for technological transfers

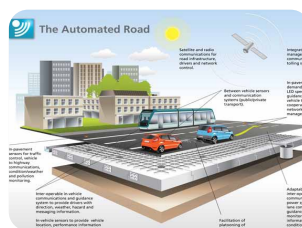
## Project ambitions :

a flexible road

a cooperative road

an environment friendly road

an acceptable road



Forever Open Road



## R5G is a multipurpose solution

Infrastructures for (sub)urban structured or local networks

## Workplan

The goal : To design and realize full scale demonstrators

2010-2014: R5G components demonstrators

2014-2018: tests of subsystems

2020 : R5G full demonstrator



# IFSTTAR – a worldwide role



- **Bilateral research programs**
- **Transfer of knowledge**
  - Major actor in international dedicated networks
  - Expertise
- **Member of normative and regulatory working groups**
- **Worldwide strategy support for SME's**
- **Dissemination of scientific knowledge and researcher mobility**
- **Partnership in the worldwide policy of others French research institute and Universities**

# Welcome again !

