

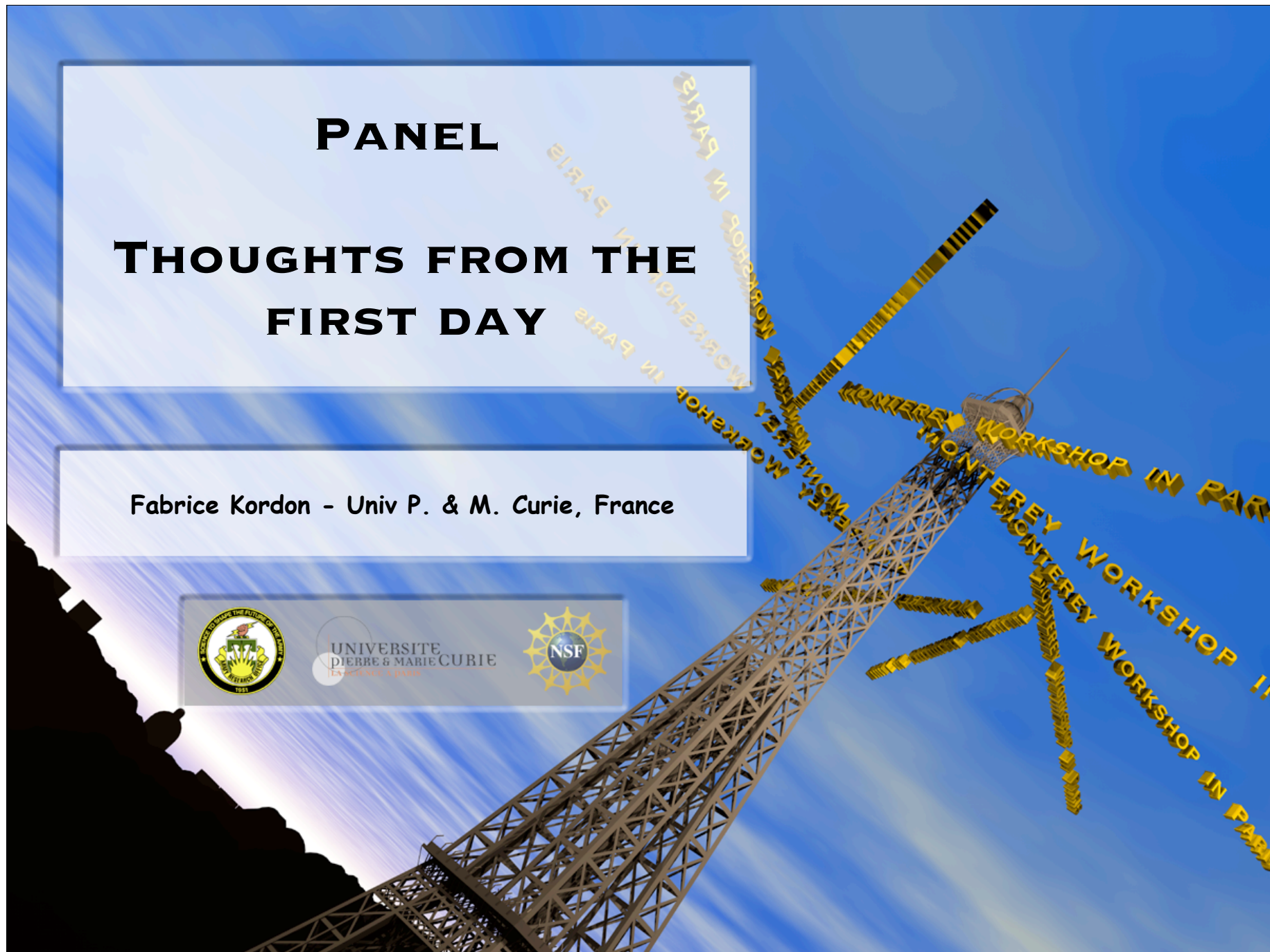
PANEL

**THOUGHTS FROM THE
FIRST DAY**

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1912



CHALLENGES: COMPOSITION OF EMBEDDED SYSTEMS

 What composition means?

strong relation to distribution!

Assembling

-  G. Haik
-  C. Kirsh

more local
(one node)

 R. Schantz

Interconnecting

-  X. Koutsoukos
-  R. Obermaisser

more oriented
to scalability

Application on
critical systems

Generative approach
 G. Karsai

Does MDA helps

DO YOU AGREE ON MDA? WHAT RELATION TO MODEL ENGINEERING?

F. Kordon

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Monterey Workshop, October, 16-, 2006

PIM

Conception level

- less constraints
- easier to get a global view



PSM

Implementation level

- impl. constraints
- depl. constraints



- Program synthesis versus code generation?
 - Legacy components?
- What about necessary backtracks?
- Can his be an overall approach?
 - What about domain specific considerations...
- Relation to Model engineering?
 - Comes from the need for program generators
 - These must be flexibles
 - These must be maintainable
- Is Model Engineering (and MDA?) suitable for Embedded systems?
 - Now embedded means distributed!!!