



The Rome Workshop on Integrated Modular Avionics:

Art or **Science?**

November 12th, 2007

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Welcome to PARADES!

- **PARADES is a European Group of Economic Interest supported by Cadence Design Systems and ST Microelectronics**
- **External Support by United Technologies Corporation (OTIS, Carrier, Sikorski, Sundstrand, Pratt&Whitney, Chubb, UTC Power...)**
- **Artist, Artist II, Design Artist, HYCON NoEs**
- **Founded in 1996**
- **Embedded System Design Methodology and Tools including IC architectures, embedded software and IP creation**

The REAL Story?



Agenda



Compositionality in Embedded Systems



Plug and Pray!

From Specifications to Implementation

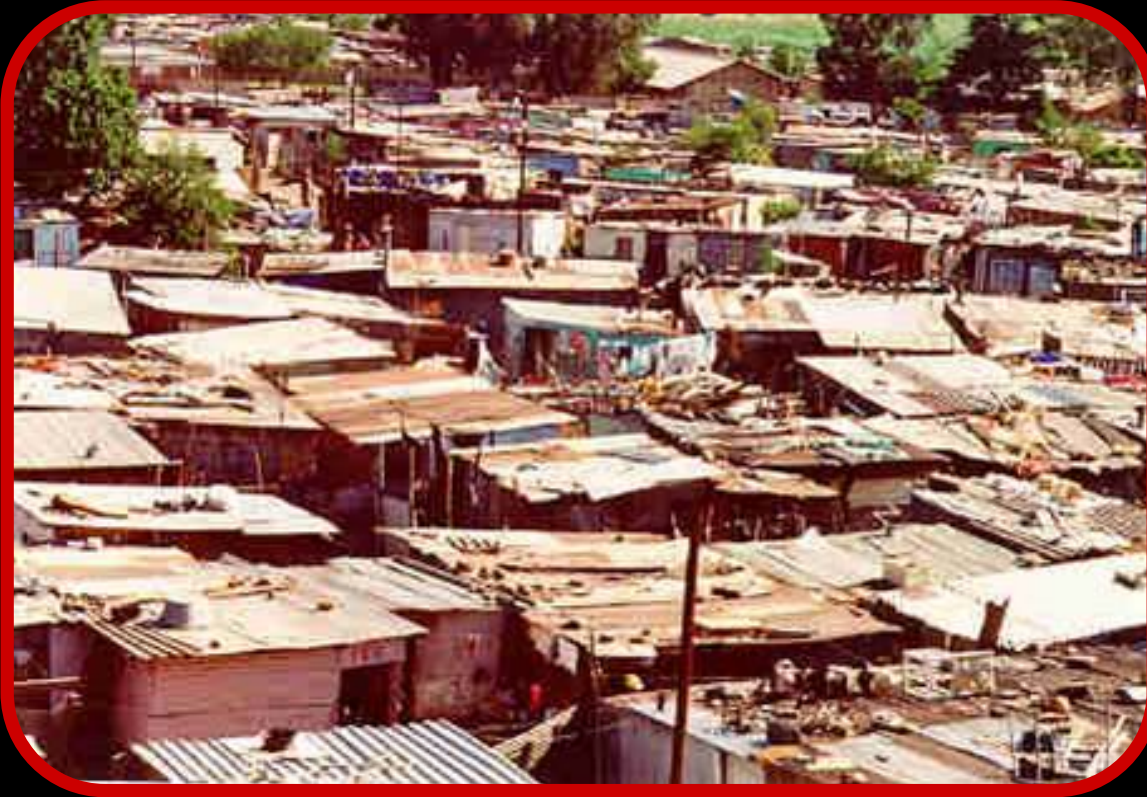
Specification:

Implementation:



P. Picasso
"F. Picasso, coiffant"
1940 Period

The Architecture of Embedded Systems Today



Panel for the Future of Research in IMA



8 Raffaello Sanzio, The Athens School

Agenda Day 2

