

Department of Electrotechnical Engineering

Professor



Anikó Costa

Assistant Professor at DEE and researcher at CTS-UNINOVA. Her current research interests include co-design of embedded systems, model based development, Petri net

CTS-UNINOVA  
Group on Reconfigurable and Embedded Systems



## Objectives

Research in the following areas:

- Embedded system design
- Model based development
- Petri net

Advanced education

- M. Sc. (MIEEC, MEESC) and PhD courses (PDEEC)

Perform Technology transfer

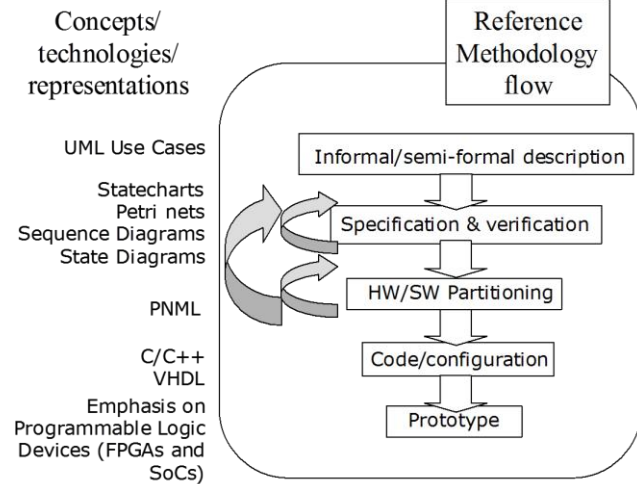
- Collaboration with national and international companies

## Methodology

Usage of Petri net as specification language within model base development of embedded systems

Development using bottom-up and top-down approaches.

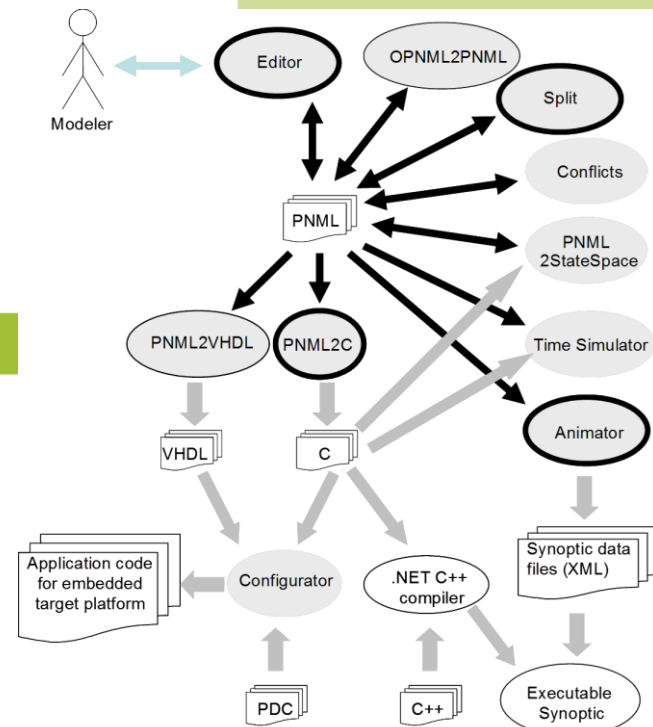
Module based development for reuse



## Expected Results

Publications in major international journals and conferences.

Contribution for prototype of dedicated design automation development framework (from Petri net to implementation)



Funding: **current:** FCT (project Petri-Rig - A Petri net based framework for embedded systems engineeRInG - 2013-2015);

**past:** European (ESPRIT, IST, LdV, MINERVA), International (CAPES-FCT, CYTED), National (Technology Transfer, FCT)