SCIENCE*SPRING*DAY

FCt
FACULDADE DE
CIÊNCIAS E TECNOLOGIA
UNIVERSIDADE NOVA DE LISBOA

DEPARTAMENTO DE INFORMÁTICA

Software Engineering

SOFTWARE SYSTEMS / SE.MOVA

CHi — CENTER FOR INFORMATICS AND INFORMATION TECHNOLOGIES
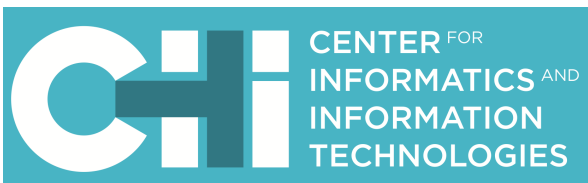
Ana Moreira

Professora Associada
- Most Influential paper on aspects in 2003
- Several Best Paper Awards
- PC Chair for AOSD'09 & MODELS'13
- Editorial Board of SoSyM and TAOSD Journals
- 4 completed PhDs
- > 150 pub conferences & journals

Research Interests

- Incremental Service Development for the Cloud
- Low-Carbon Energy-Aware Systems
- Modularity: Aspect-Oriented Software Development
- Requirements Engineering
- Model-Driven Development
- Software Product Lines
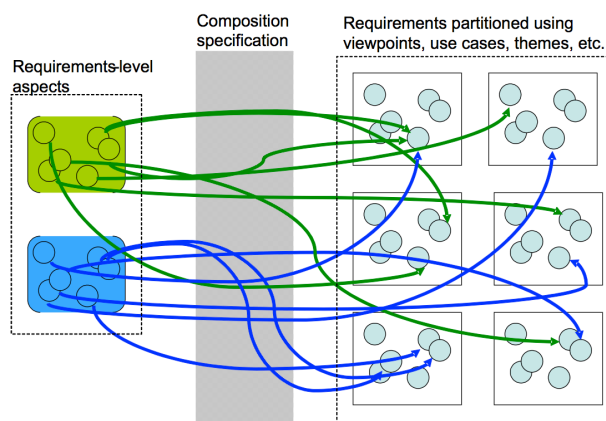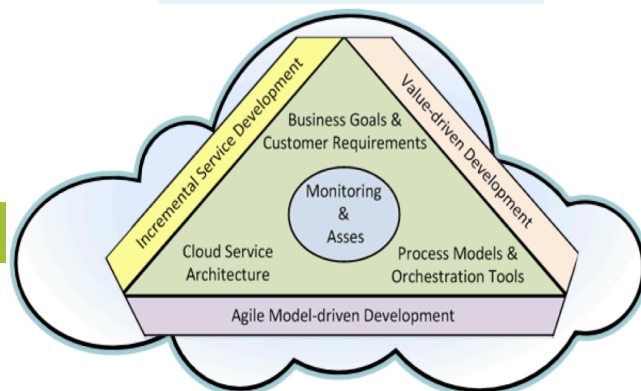- Quality Requirements and Trade-offs

Previous Contributions

- Tools for editing and checking model consistency
- Advanced modularisation techniques and methods
- Method and tool support for conflict resolution
- Traceability of variations for product line evolution
- Pioneer and co-founder of two international movements (pUML and Early Aspects)
- Funding: European, ESA, EPSRC, FCT, CYTED, CAPES/GRICES

Expected Results

- Languages for systematic transformations of models
- Support for SPL feature interactions
- Support for guided feature configurations with soft constraints
- Systematic approach for awareness of energy consumption
- Public repository for quality attributes
- New postdoc and PhD students
- New European and National Research Projects

Citation indices		
	All	Since 2008
Citations	2899	1554
h-index	24	19
i10-index	57	36

Composition specification

Requirements partitioned using viewpoints, use cases, themes, etc.

Requirements-level aspects

http://www.connectingbrains.es

Aspects Specification for the Space Domain (ESA / ESTEC)