

Research Meets Industry

Innovation is the main ingredient to progress. However, progress is only achieved if innovation solves or mitigates problems felt by industry. In other words, innovative ideas are adopted if they are perceived as a competitive advantage lever. This is why it is increasingly important to bridge the gap between academia and industry.

We have invited several young Software Engineering scientists to present to a practitioner and managerial audience their innovative PhD work. We have challenged them to focus their presentation on forecasting when, why and where their proposals can be applied in practice to improve the software development process. We expect them to provide a view on how their research outcomes could be incorporated in a future product or service.

Good research ideas, validated by industry advice, may become the most important capital of a start-up company, if adequate partnerships are found. You, as a manager or practitioner, are in a better position to assess the industrial and commercial feasibility of a new idea and value its differentiating factors that can put you ahead of your competition. We expect this interaction to be a valuable one. This kind of event is often the seed of a future cooperation with mutual profit.

Disconnected execution in workflow-enabled Web applications

Edgar Gonçalves

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Model Driven Development for Pervasive Information Systems

José Eduardo Fernandes

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Automated Information Systems Generation for Process Oriented Organizations

Francisco Duarte

Universidade do Minho / Bosch

Automatic generation of (form-based) User Interfaces from the system's business logic model

Antonio Cruz

Escola Superior de Tecnologia e Gestão - Instituto Politécnico de Viana do Castelo

Validation of Reactive Software from Scenario-Based Models

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