

Invited Keynote:
Teaching and Integrating i* in a Conceptual Schema-Centric Development

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Conceptual-Schema Centric Development (CSCD), Extreme Non-Programming (XNP), Conceptual Programming... are part of the many current approaches that advocate the use of Conceptual Models as the very basic artifact of a sound and effective software production process. But if Conceptual Models (CM) act as a such essential software artefact, a basic question has to be answered: where do CMs come from? Being i* a well-known, widely-accepted approach for goal-oriented requirements engineering, using i* as an starting point to guide a CSCD software process appears to be a good decision. This talk will explore this approach. Using i* to represent organizational, actor-oriented and goal-based requirements, and to assure software traceability by transforming i* models into executable conceptual models conforms a methodological challenge to link requirements with application code. Additionally, the correct use of i* models is reinforced by the use of precise teaching practices whose experience in our teaching context will also be discussed.