Preface to the IWASE'09 Special Issue

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This special issue of the CLEI Electronic Journal consists of extended and revised versions of articles presented at the 2nd International Workshop on Advances Software Engineering (IWASE'2009), which took place in Santiago, Chile, in November 2009 concurrently with the International Conference of the Chilean Computer Science Society (SCCC'2009).

We received 18 submissions (from Chile, Argentina, Brazil and Uruguay), and 9 of them were selected for presentation by a 12-member Program Committee composed by researchers from Chile, Argentina, Brazil and Spain. All 9 articles were presented by one of its authors, and 8 of them were revised and extended for this special issue.

Half of the selected articles dealt with modeling and improvement of software development processes:

- Paper 1, by Schwenning and Thiry, describes a method to define Process Capability Profiles for Very Small Software Enterprises;
- Paper 2, by Villarroel, Gómez, Gajardo y Rodríguez, presents a process improvement case study that combined the Competisof framework and the Tutelkan platform;
- Paper 3, by Salviano, Martínez, Zoucas and Thiry, addresses the engineering of Process Capability Models;
- Paper 4, by Thiry, Zoucas and Tristao, proposes a mapping from process capability models to support processes assessments.

Two articles addressed empirical issues of software development:

- Paper 5, by Fuenzalida and Antillanca, concerns the synchrony of interactions in uses cases;
- Paper 6, by Sagredo, Becerra and Valdés, presents an experimental evaluation of approaches for software systems composition.

Finally, two articles offered contributions to the foundations of the software engineering discipline, and make for more formal reading:

- Paper 7, by Pons, Giandini, Pérez and Baum, describe a calculus to compose hybrid QVT transformations;
- Paper 8, by Vignaga, proposes to use a type model and transformations to manage models.

We hope these articles will be valuable contributions to the development of software engineering in Latin America. Happy reading.

Hernán Astudillo and Cecilia Bastarrica, special issue editors