Postdoctoral Position
(in the context of a collaboration with Thales Research & Technology)

Title	**Variability Management in Modeling Languages** *Model Driven Engineering, Language Design and Implementation, Language Modularity and Composability, Variability Management*
Workplace	Inria Rennes - Bretagne Atlantique University of Rennes 1, Campus de Beaulieu, 35000 Rennes, France
Field	Software engineering
Team	Triskell (IRISA and Inria)
Duration	18 months
Date	2013
Salary	~ 3000 Euros (before tax), depending on experiences
Diploma required	Ph.D. in computer science (especially in software engineering such as model driven engineering, and /or language theory)
Environment	The candidate will work at Inria in the Triskell team. Inria is the French national institute for research in computer science. There are 8 Inria research centres located throughout France, hosting more than 200 research teams. The Triskell team is located in Rennes. Triskell's research is in the area of software engineering, focusing on model-driven engineering and software testing. The team is actively involved in European, French and industrial projects and is composed of 7 faculty members, 20 PhD students and 4 engineers. The candidate will work in the context of a bilateral collaboration with Thales Research & Technology
Context	This position is part of a partnership between the Triskell team and Thales Research & Technology. This partnership explores variability management in language design and implementation, and enrolls 2 faculty members and 2 PhD students from the Triskell team.
Activity	The candidate to the postdoctoral position will involve in the collaboration with Thales, working together with faculty members, PhD students, and software and system engineers. In this context, the candidate will support the research activities conducted in variability management. In particular, the candidate will assist the researchers by: - exploring advanced facilities for language modularity and composability, and extending the Eclipse-based Kermeta language workbench to integrate these new facilities for variability management in the design and implementation of languages (language families, reuse, etc.). - extending and consolidating the implementation of the Common Variability Language provided by the Triskell team. - experimenting the tools developed on use cases provided by the industrial partner.
Requirement and profile	- Strong skills in object-oriented development (highly skilled in Java) and associated tools (version and build manager, Eclipse, testing tools…). - A good knowledge of the model-driven engineering and practical experiences with Eclipse Modeling (e.g., EMF, EMF Text and/or xText, etc.) and Kermeta. - A established background in language design and implementation (textual/graphical editors, compiler, interpreter, and/or analysis tools). - The position requires autonomy, as well as excellent English speaking and writing skills.
How to apply	Please send your application (PDF) as soon as possible. Screening of applications starts immediately and continues until the position is filled. Send cover letter including names of at least two referees, CV and PDFs of PhD dissertation (or draft) and up to three most relevant publications to Benoit Combemale <benoit.combemale@irisa.fr> and Benoit Baudry <benoit.baudry@inria.fr>.