

Frama-C Day 2016

Monday 20th June

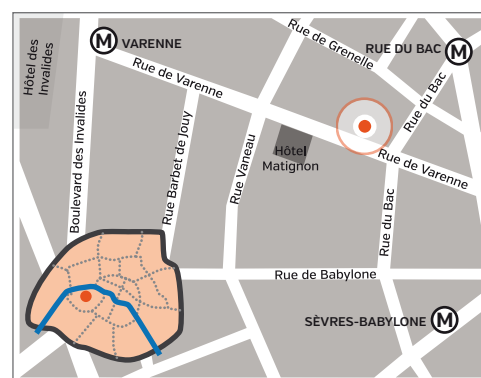
Maison de la Recherche | 54, rue de Varenne | Paris

A one-day workshop by the Frama-C community,
gathering researchers and engineers around shared experiences and new perspectives



Featuring :

- talks by the Frama-C community
- current and upcoming advances in the Frama-C roadmap
- posters from junior contributors
- discussions with community members
- the flair from the 7th arrondissement in Paris



**REGISTER
NOW !**

Agenda

- 08:30-9:00 Welcome coffee and registration
 09:00-9:05 Opening comments | F. Kirchner, List, CEA Tech
 09:05-9:30 Keynote: How Frama-C can help a verification & assessment body | F. Sadmi, Bureau Veritas

Industrial uses | Session 1

- 09:30-10:00 Automatic Generation of Counter-Measure Calling Contexts: the CURSOR Method |
D. Pariente, Dassault Aviation
 10:00-10:30 Safe resource use tracking with a combination of control flow and data flow analysis |
P. Bishop & S. George, Adelard LLP
 10:30-11:00 Break

Industrial uses | Session 2

- 11:00-11:30 TrustInSoft Analyzer: practical program analysis for guaranteed safety and security |
B. Monate, TrustInSoft
 11:30-12:00 SPEEDY: Specification editing, checking & discovery for C programs with ACSL specifications |
David R. Cok, GrammaTech, Inc.
 12:00-14:00 Lunch

Frama-C as a research platform

- 14:00-14:30 Verifying the implementation of command and control systems | P-L. Garoche, Onera
 14:30-15:00 TBA
 15:00-15:30 Frama-C and Why3: going way back – and forward, too | A. Paskevich LRI, Université
Paris-Saclay / Inria
 15:30-16:00 Break

New developments by the Frama-C Team

- 16:00-16:30 Proving C code with GATeL, or how to use Frama-C, WP and Value as libraries | L. Correnson,
List, CEA Tech
 16:30-17:00 Evolved Value Analysis | B. Yakobowski, List, CEA Tech
 17:00-17:30 Frama-Clang | V. Prevosto, List, CEA Tech
 17:30-18:30 Cocktail

Contact | day2016@frama-c.com | www.frama-c.com