

PRinciples of **S**ecure **C**ompilation (**PRiSC**) Workshop @ POPL'18

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PRiSC Organisers



PC: Lars Birkedal, Cédric Fournet, Xavier Leroy,
David Naumann, Frank Piessens, Nikhil Swamy

Secure Compilation

- **protect** high-level language abstractions in compiled code
- even against **adversarial low-level contexts**
- allow **sound reasoning about security** in the source language

PRiSC Goal

- identify & formalise properties for secure compilers
- devise efficient enforcement mechanisms
- develop effective formal verification techniques

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- develop effective formal verification techniques
- keep a relaxed atmosphere
- exchange ideas, talk, setup collaborations

Important Information

- 2-pages extended abstracts
- 5-minutes reports on ideas and WIP

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- Submission: Wed 18 October'17
- Notification: Wed 8 November'17
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- <http://popl18.sigplan.org/track/prisc-2018>

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Check out my talk Friday
for more on Secure Compilation.