PRinciples of Secure Compilation (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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- **identify & formalise** properties for secure compilers
- devise efficient **enforcement mechanisms**
- 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

Check out my talk Friday for more on Secure Compilation.
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• 5-minutes reports on ideas and WIP

• Submission: Wed 18 October’17
• Notification: Wed 8 November’17
• Workshop: Sat 13 January’18 (LA, California)
• http://popl18.sigplan.org/track/prisc-2018
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