

Graduate Course on **Computer Security**

Lecture 9: Automated Verification



Iliano Cervesato

`iliano@itd.nrl.navy.mil`

ITT Industries, Inc @ NRL - Washington DC

<http://www.cs.stanford.edu/~iliano/>

Outline

- Complexity of protocol verification
- Techniques and tools
 - Model checking
 - Theorem proving
 - Process equivalence
 - Belief logics



Readings



Exercises for Lecture 9



Next ...

- Beyond authentication

