

Multi-Model Based Incident Prediction and Risk Assessment in Dynamic Cybersecurity Protection for Industrial Control Systems

Zhang Qi

qiqi@hust.edu.cn

October 8, 2015



Automation School,
Huazhong University of Science and Technology,
Wuhan.

Hazardous Incident Prediction

The Bayesian Network Based Knowledge Modeling
Incident Prediction

Dynamic Risk Assessment

Harm to Humans

Environmental Pollution

Property Loss

Quantification of Harm to Humans

Quantification of Environmental Pollution

Quantification of Property Loss

Calculation of Dynamic Risk

Questions?