

## AGENDA

Time	May 14	May 15	May 16	May 17	May 18
08:30-10:00	Introduction Basics of statistics and probability	Decision analysis	Bayesian Probabilistic Nets II	Roadway and tunnel risk modelling	Integrity management of large concrete bridges
10:00-10:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
10:30-12:00	Probabilistic systems engineering I	Methods of structural reliability I	Probabilistic design and assessment of structures	Integrity management of offshore structures	Robustness and resilience of electrical distribution systems
12:00-13:00	Lunch	Lunch	Lunch	Lunch	Lunch
13:00-14:30	Probabilistic systems engineering II	Methods of structural reliability II	Risk informed inspection and maintenance planning	Integrity management of offshore well head facilities	Introduction to mini-project Open questions and discussions
14:30-15:00	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
15:00-16:30	Optimization and risk acceptance	Bayesian Probabilistic Nets I	Value of Information in Structural Health Monitoring	Integrity management of wind turbine facilities	Mini-project work
16:30-18:00	Exercises I	Exercises II	Exercises III	Exercises IV	Closure