



FUTURES
DIAMOND

Futures Thinking Applied

CONCEPTS AND FRAMEWORKS

Wild Cards (WI)
Weak Signals (WE)
Multi-Causal Complexity
Multi-Perception Complexity
Multi-Knowledge Complexity
Multi-Impact Complexity
Multi-Variable Complexity

WI-WE ANALYSIS

Issues Analysis Framework
Interpretation Uncertainty
Importance Uncertainty
Impact Uncertainty

Dr. Rafael Popper, Course Co-Director

This is to certify that on 24 August 2024

Daria Gribkova

has participated in a Masterclass on

**Navigating Uncertainty
with Black Swans:
Wild Cards and
Weak Signals
Analysis**

IMPACT DIMENSIONS

Infrastructures
People's Lives
Legislation and Regulation
Economy and Business
Defence and Security
Government and Politics
Environment and Ecosystems
Science and Technology

RECOMMENDED ACTIONS

Policy, Business and Research Actions
Research and Innovation Advice
Action Roadmapping Approach

Dr. Tuomo Kuosa, Course Co-Director