

IgnisQNC – A €1.8M European Research Initiative

Harnessing Quantum Uncertainty for Trustworthy Quantum Neural Computing

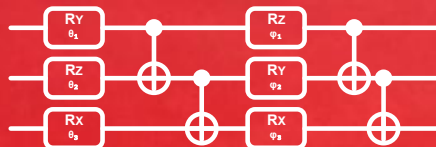
Quantum Neural Computing

Turning quantum uncertainty into a resource



Probabilistic QNC Model

Layered quantum computation



Trustworthy Quantum AI

Explainability from quantum physics



Real-World Applications

Biometrics, Medicine, Finance



NISQ-Compatible Deployment

IBM | Google | D-Wave
EU Platforms

Lancaster | UPO | LMU Munich | Aqarios | TUBAF