

Nuclear Innovation Prize & Awards

Authors

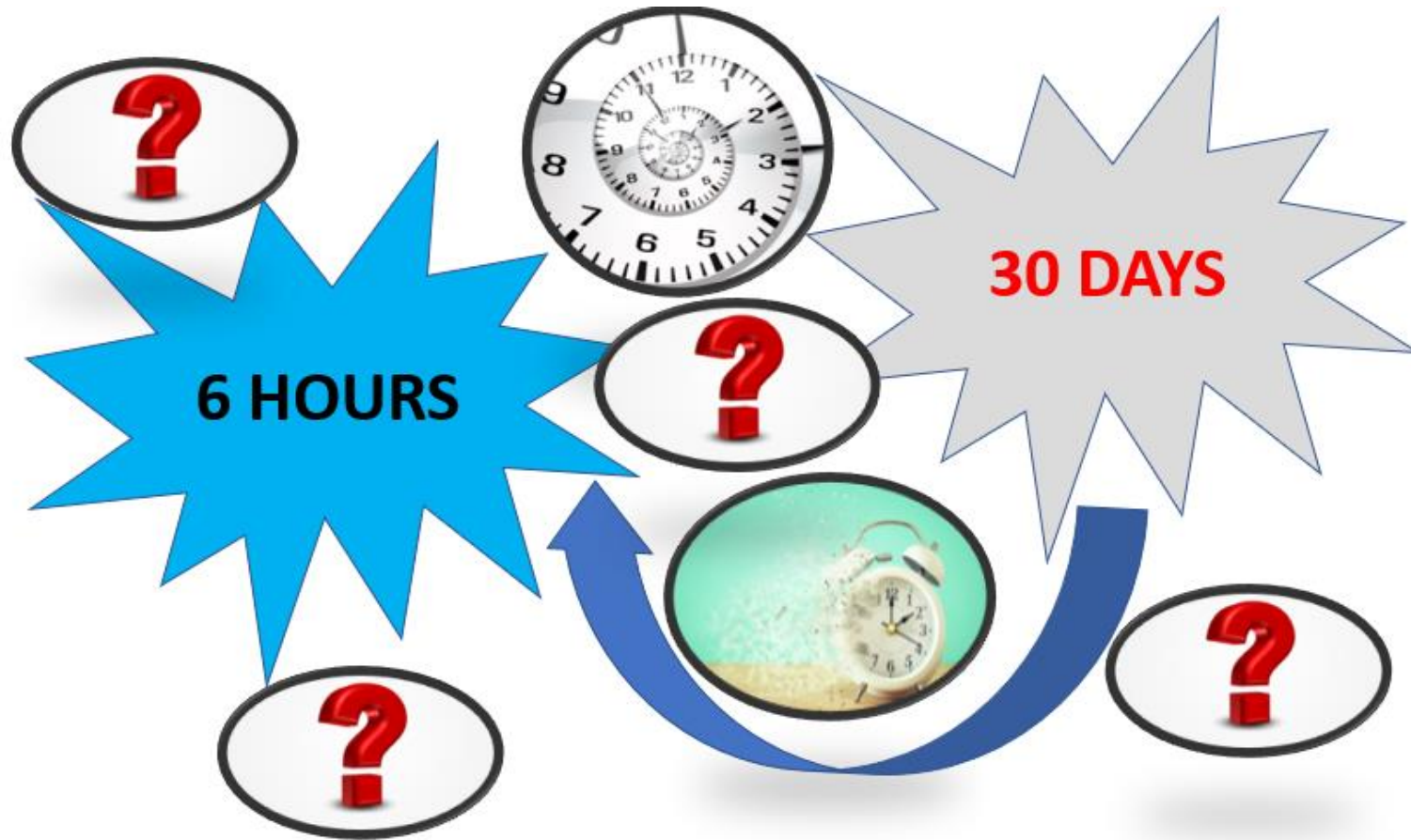
FISA 
EURADWASTE
2025

SNETP Forum

**11th European Commission Conference on EURATOM Research and Training
in Reactor Safety & Radioactive Waste Management**

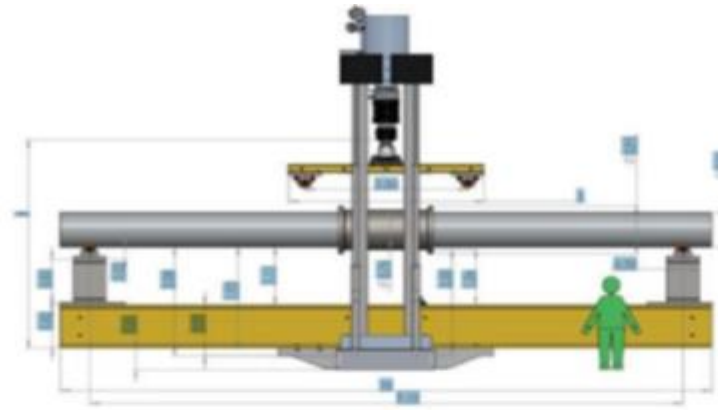


EFFICIENT PREDICTION OF DUCTILE FRACTURE IN FERRITIC STEELS USING ARTIFICIAL NEURAL NETWORK



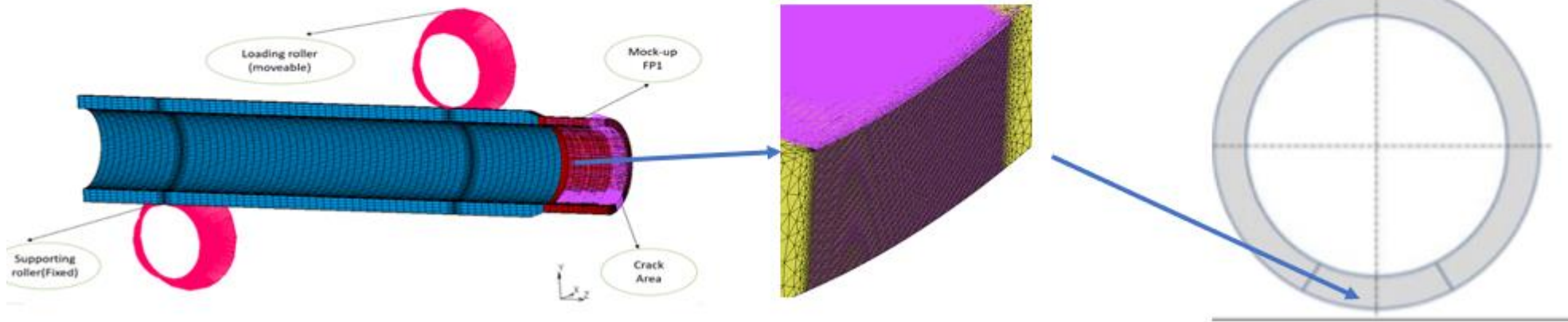
EFFICIENT PREDICTION OF DUCTILE FRACTURE IN FERRITIC STEELS USING ARTIFICIAL NEURAL NETWORK

**30
DAYS**

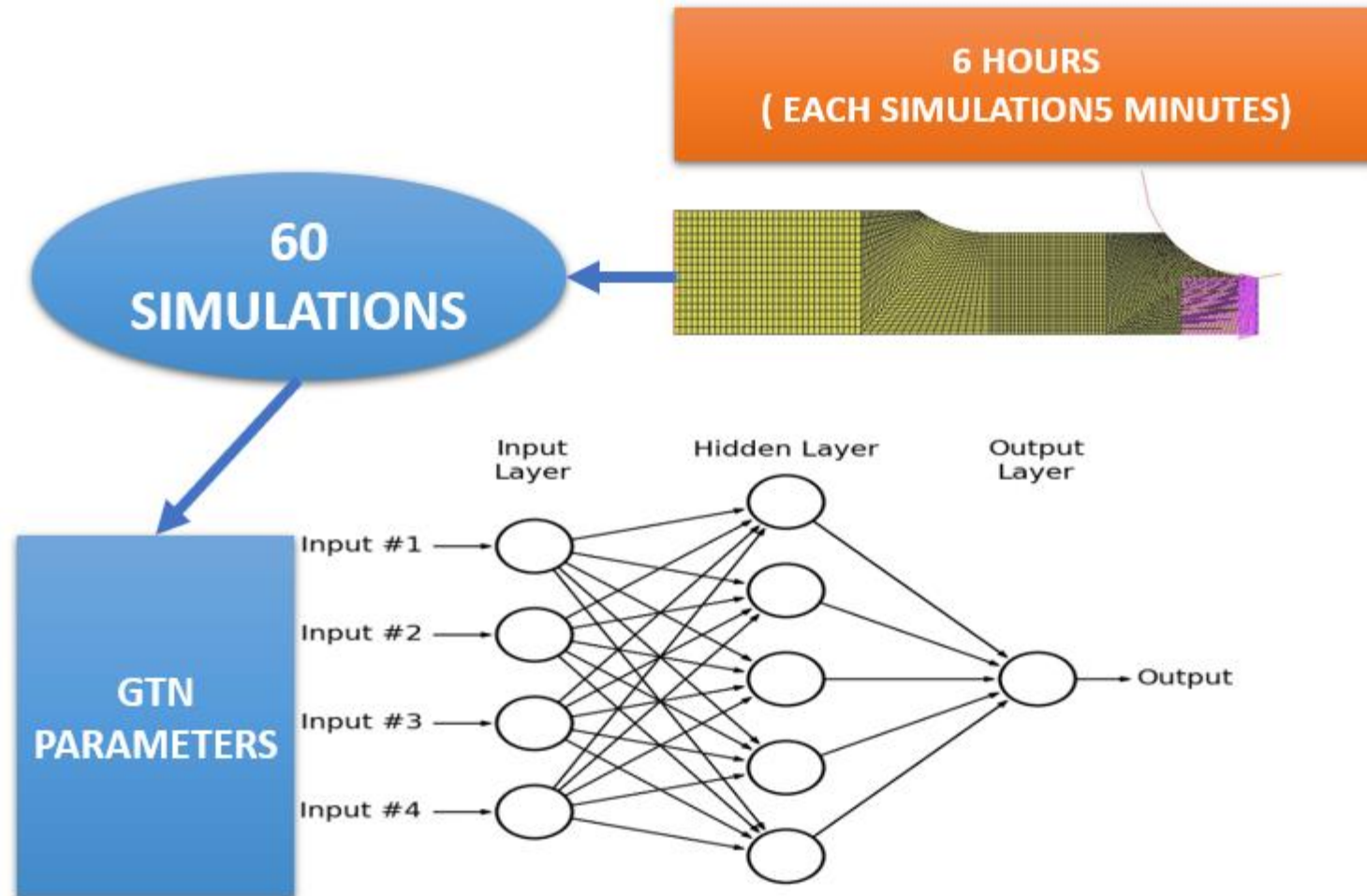


Through-wall crack

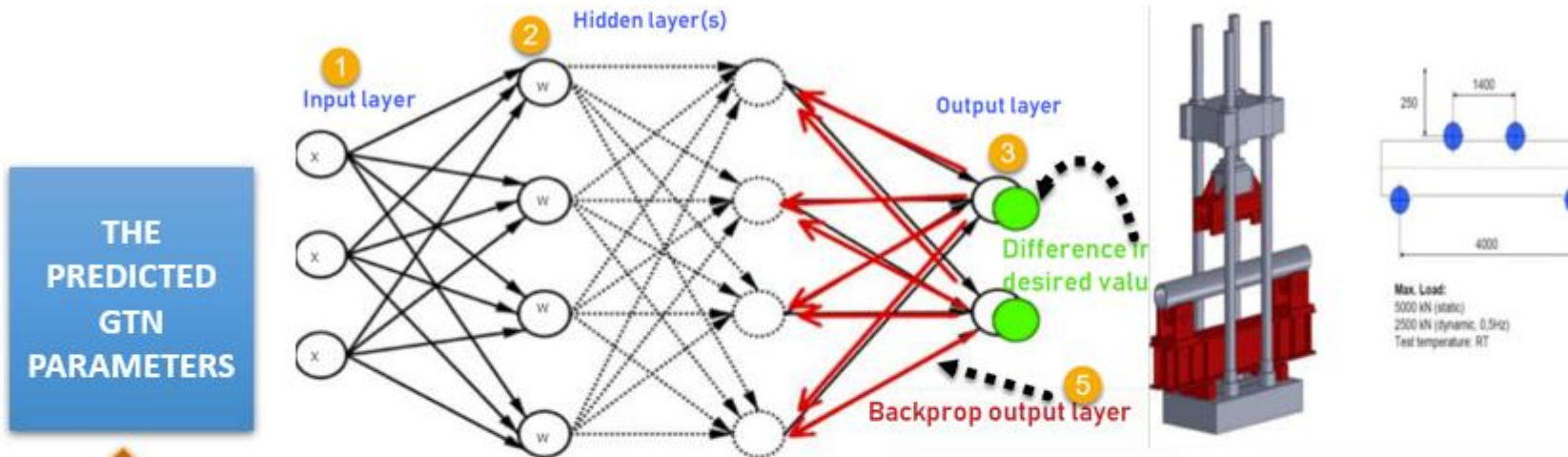
FP1



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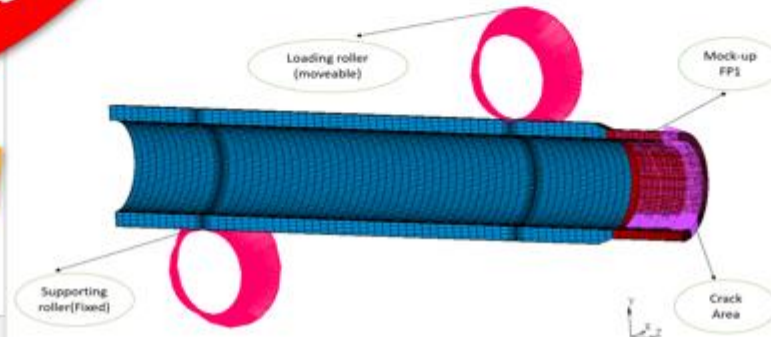


EFFICIENT PREDICTION OF DUCTILE FRACTURE IN FERRITIC STEELS USING ARTIFICIAL NEURAL NETWORK



THE
PREDICTED
GTN
PARAMETERS

1
SIMULATION



25

Thank you!

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