

IAEA - TECHNICAL WORKING GROUP ON RESEARCH REACTORS (TWGRR)

Name: Iiro Auterinen

Affiliation VTT Technical Research Centre of Finland

Background Laser spectroscopy, radiation measurements, nuclear radiation modelling, BNCT facility design and construction

Present activities: Head of the support team for the FiR 1 nuclear research reactor, BNCT manager, deputy reactor manager, technology and dosimetry development for BNCT, consultations for BNCT facility design and construction, coordination of Generation IV nuclear systems research in Finland

Specific strengths related to Research Reactors: i.e. (Utilization, operation, Fuel Cycle, maintenance, applications, etc):

- BNCT (Boron Neutron Capture Therapy)
- Production of isotopes for local markets
- Licensing of a reactor and patient irradiations at a reactor
- Renovation of a research reactor
- Spent fuel management
- Creation of spin-off companies based on the reactor services