# Title

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**Abstract**

Participants interested in giving an oral presentation must submit an abstract by **31 May** via email to reka.szoke@ife.no and digidecom@ife.no. While the submission of a full paper is not required, authors are welcome to provide one. Full papers will be compiled and shared among participants after the event.

Abstracts should be short, clear, and concise, and must be written in UK English. They should describe the achievements and impact on the industry. The length of the abstract is limited to one page, between 250 and 450 words. Figures and tables should not be included. Please title the abstract file as follows: DigiDECOM Abstract, followed by the presenter’s full last name and the first initial of their first name.

**Example title: “DigiDECOM Abstract SmithJ.doc”**

Please mark the key corresponding author’s name with an \* (or default to the first author listed). This person will be responsible for the oral presentation and attendance. Each key corresponding author may submit only one abstract. The submission of an abstract carries with it the obligation to be presented at the workshop in-person by one of the authors. We recommend carefully compiling and thoroughly reviewing the abstract—particularly the author list—before submission to avoid last-minute changes.

**Focus areas of main interest include decommissioning, commissioning, maintenance, and sustainable lifecycle management in the nuclear sector, with applicability to other safety-critical industries.** A specific focus will be on the application of AI, digitalization, and robotics to enhance safety and efficiency. The **2025 program will also integrate human and organizational factors across all topics to ensure a holistic approach to safety, performance, and resilience.** **Please select one topic**, and mark with X for informing the allocation to the program sessions:

□ Role of AI, data, robotics in safety compliance

□ Human-centered AI in the nuclear sector - Human-AI interaction and Human-AI cooperation

□ New initiatives and emerging technologies

□ Sustainability and circular economy

□ Risks, safety, and security management

□ Human and Organizational considerations for remote and multi-unit operation

□ Application of AI, data, and robotics in other safety-critical industries