**Position:** Senior /Principal Research Scientist within Smart Cities

**Location:** NORWAY, Halden

IFE is an independent research foundation based in Norway at Kjeller and in Halden. They are in the forefront internationally in several fields within digital technologies, material and process technology, flow and analysis technologies, radiopharmaceutical technology and nuclear technology. IFE develops new solutions for the industry and public sector in over 30 countries. Read more about IFE at [www.ife.no/en](http://www.ife.no/en).

Will you join us working in the research area Smart Cities? We are growing fast and looking for Senior to Principal Research Scientists with a curious and collaborative attitude who has a passion for research for a better future within our highlighted research fields:

- **Digital ecosystems for smart cities** (smart environments, intelligent systems, distributed systems, data management)
- **Data-sharing in smart cities** (data markets, data governance, privacy and security preserving technologies, data engineering, distributed ledger technologies, big data technologies, ontologies/taxonomies)
- **Data-driven citizen-centred service innovation in smart cities** (public services, mobility, sharing economy)
- **Resilient cities** (Cybersecurity, situation awareness, emergency preparedness, intelligent city infrastructure)
- **Sustainable Smart Cities** (energy informatics, digitalised water production and distribution, citizen behaviour change, climate change mitigation and adaptation)

As part of the smart city research area, IFE has joined the [My Digital City program](http://www.ife.no/en) together with Smart Innovation Norway, Østfold University College, and Halden municipality. The program aims to drive interdisciplinary research-driven innovation in smart cities.

**Main responsibilities:**

As a **Senior to Principal Research Scientist**, you will have a well-paid permanent position where 100% of your time is dedicated to research activity (no teaching unless you wish to have a connection to a university, as well).

You will spend your time working with private and public parties to carry out applied research work, generating scientific publications, and seeking new research opportunities and funding.

You will be surrounded by distinguished colleagues with multidisciplinary research backgrounds in an inclusive workplace with strong national and international networks in research and industry.

EURES mobility supports may be available if you apply to this vacancy. Please check [www.ifept/eures](http://www.ifept/eures).

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Required profile:

- PhD and research focus in one or more of our research fields. Given our multidisciplinary focus, expertise in more than one of the fields would be advantageous
- A strong publication record in the last 5-10 years in these research fields
- Track record of successful grant proposal writing
- Track record of leading research projects through to success
- A strong international network
- You should be fluent in English
- You should be interested in creating research groups around your research interests and mentoring junior researchers

Required expertise:

- Artificial intelligence; Data science; Cybersecurity; Virtual reality, Augmented reality, and spatial computing; Robotics and cyber-physical systems; Interaction with complex data and advanced modelling; Modelling and simulation of physical systems; Digital twins; Microservices.
- Human-centred digitalisation; Human-centred artificial intelligence; Humans and automation collaboration; Interaction design; Risk safety management; Human reliability; Organisational psychology; Cognitive psychology.

Conditions being offered:

- A permanent position fully dedicated to research activity
- Research tasks in fields that have great potential for large societal impact
- Considerable freedom to develop research projects in the direction of your interests
- A large degree of autonomy and flexible working hours
- A multidisciplinary work environment
- Access to state-of-the-art laboratories
- A well-established and wide ranging national and international network within research and industry
- A growing and healthy organisation that is focused on individual and group development
- A very competitive salary with a good pension plan

How to apply:  
Please send your CV in English to euresPToutgoing@iefp.pt to the attention of Ana Pimentel.

VERY IMPORTANT! write in the e-mail Subject: "589056973 – Research Scientist within Smart Cities"

If you meet the requirements, you will be referred to the portal where you should register the application.

Last application date: August 29th, 2021