Are you someone who enjoys using your research mindset to explore and innovate? Do you want to shape your world and change the way it works? Do you want to collaborate with committed people and achieve results together to develop truly human centric innovation?   Are you someone who is interested in creating innovations to build trusted, sustainable societies using insights from big, federated data, digital twins and computational social science? If this is your world, here is an opportunity to shape it for the better.

At Fujitsu Research of Europe (FRE), we are combining research and industrial innovation to transform businesses and society. FRE is a multidisciplinary centre which, as part of Fujitsu's global R&D activity, conducts research and innovation – shaping our world for the better as well as supporting the constant learning of our employees.

Shape your world

We are looking for a Manager in our Social Digital Twin Research Group where we create new technologies for Fujitsu's global laboratories' and apply these technologies to transform our customers' businesses.

The Social Digital Twin (SDT) project develops solutions to social issues. We create integrated technologies that combine large scale data with knowledge from a variety of fields, including data science, the humanities and social sciences. We are developing systems that use real-world, real-time data to create digital twins that mirror the behavior of complex systems –cities, transport, power – and enable their management. The value of the SDT is increased by including data from diverse sources by creating a federation of digital twins following the model developed by UK's National Digital Twin Programme (NDTP). Federation requires building distributed data sources and sharing data across industry sector using common ontologies.

We demonstrate the capabilities of the SDT in real world settings.

The group works closely with other groups in Fujitsu Research's global network of laboratories and travel may be required to foster these collaborations.

What you will do

You will manage a team of researchers in FRE, while interacting with the large global Fujitsu Research team, all with diverse skills, developing our federation technologies with a particular focus on creating systems of federated digital twins.

You will:

- Lead end-to-end technical implementation of Social Digital Twin for real-world applications
- Manage a team of researchers with various technical expertise
- Lead use case develop and propose new research topics from interactions while solving real societal challenges

Your experience

Demonstrate expertise in one or more of the following:

- Deep technical understanding of good software design / development
- Extensive experience in wide range of technologies from digital twin, AI, IoT and associated architecture
- Hands on experience in end-to-end software integration
- Extensive experience in leading external R&D collaboration and proof-of-concept
- Experience (>3 years) in managing a research team

Show:

- A Post-Graduate qualification (preferably PhD) in a relevant field, with a strong research component
- Ability to publish peer-reviewed research papers and to file patent proposals
- Excellent communication and interpersonal skills
- Ability to propose research topics and associated plan by exploring potential future business opportunities

Shape your world and achieve together
We want the best people on our team, so we welcome and encourage applications from people with a diverse variety of experiences, backgrounds and identities. The role may demand some travel and flexibility to meet business needs, within a culture of respect for professional and private commitments. We are committed to equality of opportunity for all.

If you want to work alongside people with different ideas, in an inclusive business, that will welcome you and support you, come and co-create the future at Fujitsu.

#Shapeyourworld