NAME OF THE PROJECT	**Spin-based hardware artificial neural network for embedded RF processing (FR)**
SHORT NAME	**SPINAR**
GRANT AGREEMENT NUMBER	**886854-2**

OBJECTIVE OF THE PROJECT

Combination of AI and nanotechnology to process radio frequency signals (from radar) to identify the emitter of the signal with very low power consumption and very high efficiency. In SPINAR, an artificial neural network will be implemented directly in hardware, with spin-based nanodevices as neurons and synapses

PROJECT DURATION	**24 months**
STARTING DATE	**1 November 2020**
GRANTED EU CONTRIBUTION	**€ 1.388.192**

LIST OF PARTICIPANTS

#	NAME OF THE ENTITY	COUNTRY
1	THALES SA	France
2	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS	France
3	LABORATORIO IBERICO INTERNACIONAL DE NANOTECNOLOGIA	Portugal
4	UNIVERSITE CATHOLIQUE DE LOUVAIN	Belgium