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Duration	48 months

Spin-NANO Partners	
USFD	THE UNIVERSITY OF SHEFFIELD
UCAM	THE CHANCELLOR, MASTERS AND SCHOLARS OF THE UNIVERSITY OF CAMBRIDGE
HPL	HELIA PHOTONICS LTD
TUM	TECHNISCHE UNIVERSITAET MUENCHEN
UKON	UNIVERSITAT KONSTANZ
ATTOCUBE	ATTOCUBE SYSTEMS AG
CNRS	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
TU Delft	TECHNISCHE UNIVERSITEIT DELFT
ETH Zürich	EIDGENOESSISCHE TECHNISCHE HOCHSCHULE ZUERICH
UNIBAS	UNIVERSITAT BASEL
UCPH	KOBENHAVNS UNIVERSITET

Spin-NANO website

- The [Spin-NANO website](#) is managed by Sally Greenhough (Spin-NANO Network Administrator).
- The website includes an [Outreach](#), [Publications](#) and [Open Access](#) page.

Spin-NANO social media & project specific material

- Spin-NANO [Facebook page](#), [Twitter](#) and [LinkedIn](#) accounts have been created with the aim of sharing the work done by the network with a broader audience. ESR 2 – Luca Sortino & ESR3 – Alejandro Rodriguez lead on social media.
- A [Spin-NANO Blog](#) was launched by the ESRs in September 2017 (led by ESR6 – Matt Brooks) to maintain connection of the network in between workshops and share knowledge across and beyond the network. The target is for a minimum of 2 posts per month and there have been 8 posts so far.
- [Spin-NANO Youtube channel](#) - launched December 2017. At the [Think Ahead Workshop 1](#) (June 2017 in Delft), ESRs were tasked with developing a video narrative of their research for a non-specialist audience. The videos were uploaded to the [Spin-NANO YouTube Channel](#) in December 2017 and are currently being promoted on Spin-NANO social media. ESRs have been encouraged to enter their videos into the European Commission initiative - [Showcase your project!](#)
- [Spin-NANO newsletter](#).

Publication in high impact journals

In the first 24 months of the network, 17 papers have been published in high impact journals – see [Publications](#)

- 2D Materials (1)
- Advanced Materials (1)
- Nature Communications (2)
- Nature (1)
- Nature Photonics (1)
- Science (1)
- Nano Letters (2)
- Physical Review X (2)
- Physical Review B (5)
- Physical Review Letters (1)

Communication and public engagement strategy of the project

ESRs are expected to be actively engaged in several annual local outreach activities with a target of 3 events per year – see European Commission [Guidelines](#).

In order to achieve the best possible engagement with the general public, ESRs received specific training for outreach at the Think Ahead Workshop 1 - "[Becoming excellent and impactful communicators](#)" - (20-22 June 2017 in Delft) - which included the following topics.

- Communicating your research to peers - Presentation Skills Masterclass
- Developing a video narrative of your research for non-specialist audience – (uploaded in December 2017 on Spin-NANO YouTube Channel)
- Communication for effective networking
- Refining the quality of your writing

- Strategies for effective writing habits
- Communicating to access research funding
- Communicating in the digital age



Think Ahead Workshop 2 "[Collaborations across borders](#)" which will take place in Sheffield 24-25 January 2018 will focus on **collaboration, outreach and public engagement**. This will involve the ESRs collaborating as an ITN PhD cohort to deliver an **interactive outreach activity** to an invited group of 6th form pupils (16-17 years old).

This workshop will:

- Consider effective collaboration approaches within and across disciplines
- Introduce key concepts of dialogue and engagement in science communication, as well as responsible research and Innovation
- Explore range of approaches and opportunities for outreach and public engagement
- Consider approaches to engaging young people in science
- Understanding of widening participation issues
- Provide opportunity to practice an outreach activity and receive feedback from pupils and teachers
- Review and feedback on the 3 min video

One to one support by the Researcher Development/Training Manager with public engagement activities is also available to all ESRs.

Dissemination/Outreach activities by ESRs in period 1

A log of specific outreach and dissemination activities carried out by Spin-NANO ESRs for Period 1 can be viewed on the [website](#).

This shows that ESRs have -

- created their own network-specific outreach material - [Spin-NANO blog](#), short videos on their research (uploaded to [Spin-NANO YouTube channel](#)) & [newsletter](#)
- participated in significant international conferences
- presented informal talks to non-specialist audience
- engaged with school children and general public
- participated in local outreach events/science exhibitions