



This project is co-funded by the European Union
and the Republic of Türkiye



MSCA SE 2026 Call



PRESENTER FULL NAME: Xianfeng CHEN

ORGANIZATION: Nottingham Trent University, UK

WORKSHOP NAME: International Brokerage Event on HE-MSCA Staff Exchanges

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Description of the Organisation

Nottingham Trent University (NTU) was ranked in the mid-range of **UK Russell group universities** for “Engineering” in **REF2021** (Research Excellence Framework 2021).

Multiple research centres:

- **IMEC** (Imaging, Materials and Engineering Centre)
- **MTIF** (Medical Technologies Innovation Facility), a new £23M state-of-the-air research centre.

Gold Award – the highest ranking of UK Teaching Excellence Framework (TEF).

Modern University of the Year, Times and Sunday Times Good University Guide 2023.

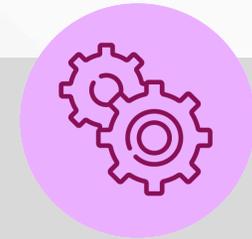


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Your Teams' Expertise



Multidisciplinary research in advanced bio-photonics, nanotech & materials, optical sensor & network, biosensors & biomedical engineering.



Healthcare, Cancer/Disease diagnosis, Sensor and network, Energy, Food/water safety, Environmental monitoring



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Your Research Fields

Advanced nano-photonics



Nanotechnology & 2D materials

Biosensor, Biotechnology,
Biomedical engineering



Sensor system and network



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Your On-going Projects

PI & Host supervisor, EU Horizon-MSCA-Postdoctoral Fellowship
(2026 - 2028, €276K)

PI & Coordinator, EU H2020-MSCA-RISE
(2020-2025, €1.002M)

PI & Coordinator, EU FP7-IRSES
(2014-2018, €252K)



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Project Idea

Project Idea: Cutting-edge nano-photonic technologies for ... (Health, Energy, Food, Environment...)

Deadline Dates: 16 April 2026

Objectives:

To establish long-term interdisciplinary, inter-sectoral, and international collaboration

Expected Results:

To offer high-quality training, knowledge transferring, and global networking opportunities to the seconded ESRs/ERs



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Consortium – required partners

No	Expertise	Type	Country	Role in the project
01	Nano-photonics	Any	Any	Coordinator
02	Energy	Any	Any	
03	Food & Environment	Any	Any	
04				



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PRESENTER CONTACT

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COUNTRY: United Kingdom