



Funded under MSC GA 766115



# *PhD opportunity in Photonic Technologies:*

## *Project FONTE is recruiting*

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Aston Institute of Photonic Technologies



**FONTE**

# *Fibre Optic Non-linear Technologies*

*PhD project: Development of new optical transmission methods based on Nonlinear Fourier Transform*

Information: [s.k.turitsyn@aston.ac.uk](mailto:s.k.turitsyn@aston.ac.uk) ; [jobs.aston.ac.uk/Vacancy.aspx?ref=R180220](http://jobs.aston.ac.uk/Vacancy.aspx?ref=R180220)

## ***We offer:***

- Prestigious **European Industrial Doctorate**
- Highly **competitive salary** and excellent research conditions
- Employment according to the terms of **Marie Skłodowska-Curie actions**
- Close cooperation and joint supervision with world renown **NOKIA Bell Labs**
- Bespoke scientific and transferable skills training

## ***Your background/skills:***

- Above-average **BSc or MSc in Engineering, Physics** or equivalent.
- **Early Stage Researchers** (in your first 4y of research experience and without a PhD)
- Excellent knowledge of **scientific programming** and computing, **physical optics**, communications.
- Knowledge in **differential equations, mathematical physics, numerical analysis, information and communication theory**, or **machine learning** is an asset.
- Experience in experimental work
- English language

