

WHITE ROSE INDUSTRIAL PHYSICS ACADEMY (WRIPA)

VISION AND OBJECTIVES FOR TRANSFORMATION 2019-2024

Our Mission ↓

Provide physics students with the opportunity to gain skills, knowledge and work experience that will better prepare them for graduate-level technical employment, irrespective of where they choose to work.

Key Objectives ↓

KO1

All undergraduate physics students to have the opportunity of gaining work experience and to apply their technical knowledge and skills in a professional context

KO2

Enhance career prospects and allow all undergraduate physics students to realise their potential

KO3

Strengthen and diversify our collaborations and partners

Supporting Objectives ↓

SO1

Embed inclusive modes of work-based learning into the curriculum in collaboration with industry and other external stakeholders

Provide opportunities for all our physics students to develop and apply entrepreneurial skills, creative thinking, self-advocacy and confidence

Continually enhance our teaching methodology, assessment and feedback to promote group-based problem-solving, reflective learning, communication and writing skills

SO2

Ensure that students have access to high quality careers and professional development support via a programme of workshops and personalised support

Focus on broadening participation, particularly among groups of students with talent and potential but currently under-represented in our activities

Develop interventions that enhance graduate outcomes and that respond to both regional and national labour market demands

SO3

Strengthen and diversify our collaborations with business, academia, non-profit, professional bodies and government at a local, regional and national level

Build strong relationships with our alumni, especially our early career alumni

Inform decision makers to influence policy; share best practice with university and industrial partners; inspire and excite undergraduate students about technical careers

A set of strategic targets and measures will be defined to support performance across all key objectives

Target Outcome ↓

50% of all physics graduates to be in graduate-level technical employment by 2024

Interim Measures ↓

Increase the number of physics students undertaking summer internships and year in industry placements

Improve confidence and career preparedness amongst penultimate year physics students

Increase the number of physics students that attain graduate-level technical work

Engage a diverse range of students with activities that will develop their career preparedness and employability

Working in Partnership ↓

