



Knowledge Transfer Partnerships

AI and Digital

Opportunities to collaborate with a leading centre for research into Computer Science

The Department of Computer Science at Royal Holloway brings together world-leading researchers in algorithms and complexity, artificial intelligence, bioinformatics, distributed and global computing, machine learning, software language engineering and type theory. The theories developed by our academic staff lead to the design and building of novel practical computing systems, and their application in the real world. This is an essential element in validating our theories. It also generates opportunities for collaboration with industry and other institutions.

The department is underpinned by an enterprising community with strong industry links, where visible research groups have attracted others to join with us, and where continuous effort in developing new collaboration enables us to accelerate innovation and impact.

A centre of excellence for UK research

We are one of the UK's leading centres for research into Computer Science. Placed within the top 25% of Computer Science departments nationally for research quality, 95% of our research is assessed as world-leading and internationally excellent in terms of originality, significance and rigour in the most recent Research Excellence Framework (REF, 2021). These results are reinforced by our top 20 ranking for research in The Times and Sunday Times University Guide, 2023, and the latest metric-based computer science rankings from csrankings.org, 2022, where Royal Holloway ranks 3rd for Computer Science in the London Area, and 10th in the UK.

95% research rated 4* or 3*
world leading or
internationally excellent

(Research Excellence Framework 2021)



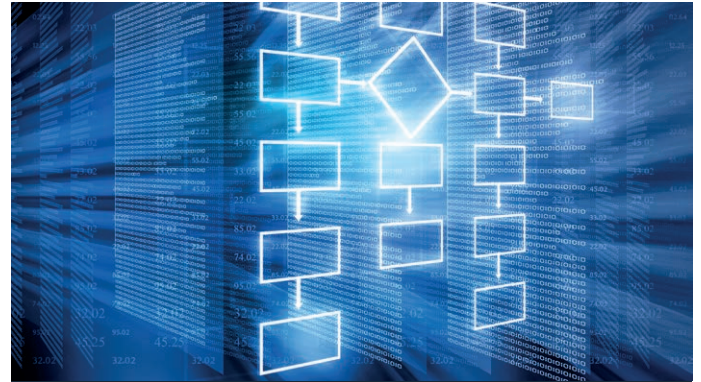
**ROYAL
HOLLOWAY
UNIVERSITY**
OF LONDON

Our expertise



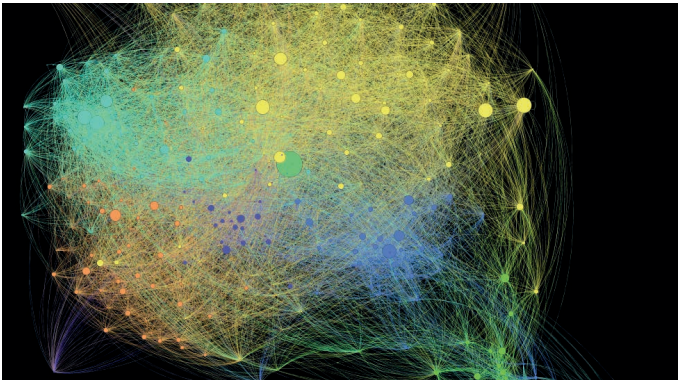
Centre for Intelligent Systems

Our research explores the theory, systems and practical applications of artificial intelligence. This is an exciting time for Intelligent Systems research because no one paradigm is dominant.



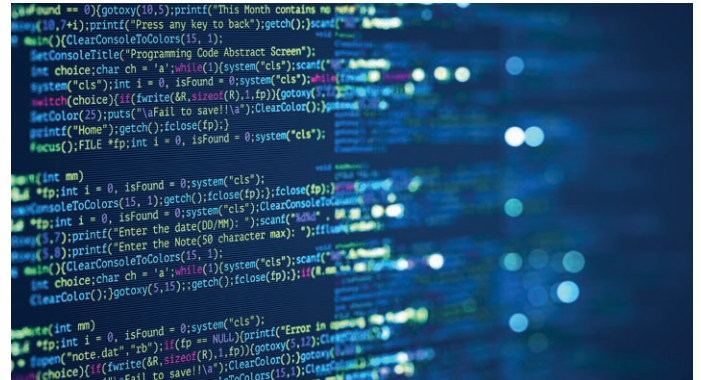
Centre for Algorithms and Complexity

We conduct research regarding the design and analysis of algorithms of all kinds, as well as research in computational complexity more broadly.



Centre for Reliable Machine Learning

The Centre's members are interested in both theory and applications of machine learning. We conduct research in statistical learning theory, conformal prediction, prediction with expert advice, and game-theoretic foundations of statistics, probability, and finance.



Centre for Programming Languages and Systems

The Programming Languages and Systems group is interested in the expression, meaning, and formal analysis of computational systems. Our goal is the development of robust, secure, and reliable computing systems.

Find out more

We encourage business leaders to discuss the benefits of aligning with latest research and technologies and to explore the potential for creating new knowledge transfer programme collaborations with us.

royalholloway.ac.uk/knowledge-transfer

or contact the KTP Office: ktp@rhul.ac.uk

royalholloway.ac.uk/computerscience



Royal Holloway, University of London
Egham, Surrey, TW20 0EX
royalholloway.ac.uk



ROYAL
HOLLOWAY
UNIVERSITY
OF LONDON