

Project page template for Turing website

- All fields indicated with an asterisk* are required
- Use third person impersonal, e.g. "this project aims to" not "we aim to" etc
- Send form to website@turing.ac.uk, and cc: research@turing.ac.uk, for review

Example pages

[Probabilistic numerics](#)

[Capturing complex data streams](#)

[Improving cystic fibrosis healthcare](#)

[Distributed training for machine translation](#)

Project title*

(Aim for 6 words or fewer. A clear description of the project, can be different to official academic name of the project, please avoid acronyms/initialisms)

Project page main contact*

Name

Email address (Optional)

Timeframe*

Start date

/

/

End date

/

/

Research page summary*

(1 sentence, present tense, e.g. Using..., Developing..., Investigating...)

Accessible introduction/summary*

(Clear, concise, ~3 sentences – e.g. 1st sentence: the problem being addressed, 2nd sentence: the potential solution/method, 3rd sentence: applications, output)

Main aims of the project*

(What is the work hoping to achieve? What would define success? Why is this work worth doing?)

Applications*

(Where is this work being applied, what area/industry could it benefit?)

Explaining the science*

(Is there theory or methods that would be good to explain to understand the project's work better?
Use plain English where possible)

Recent updates

(Achievements/project milestones reached since project started, with month/year)

Project leaders*

Title

Name

Organisation/University affiliation

Role on project

Researchers

Title

Name

Organisation/University affiliation

Role on project

Collaborating organisations/universities

Name

Role (e.g. funder, collaborator, data supplier etc)

Research areas*

(Please tick the research areas that are **most** applicable, up to approx 10)

Algorithms

Complexity
Compression
Cryptography
Data structures
Numerical

Applied mathematics

Dynamical systems
& differential equations
Information theory
Mathematical physics
Multi-agent systems
Numerical analysis
Operations research

Artificial intelligence

Automation
Collective behaviour
Control theory
Evolution & adaptation
Game theory
Neural networks
Neuroscience
Nonlinear dynamics
Pattern formation
Systems theory

Computer systems & architectures

Communications
Databases
Distributed parallel & cluster computing
Human computer interface
Information retrieval
Neural & evolutionary computing
Networks
Operating systems
Real time computing
Visualisation

Machine learning

Applications
Computer vision
Deep learning
Natural language processing
Pattern recognition
Reinforcement learning
Supervised learning
Semi-supervised learning
Unsupervised learning
Speech recognition

Mathematical modelling

Automata & algebraic
Deterministic/
non-deterministic
Dynamic/static
Ensemble
Graph theory
Logics
Stochastic

Optimisation

Convex programming
Nonlinear programming
Stochastic optimisation

Privacy & trust

Cryptography
Differential privacy
Identity management
Verification

Programming languages

Hardware optimisation (FPGA/GPU)
Probabilistic programming
Software framework development
Visualisation

Social data science

Cognitive science
Data science of government & politics
Developmental psychology
Ethics
Linguistics
Management science
Networks
Research methods
Social media
Social psychology

Statistical methodology

Bayesian inference
Causality
High dimensional inference
Monte Carlo methods
Non-parametric & semi-parametric methods
Simulation
Time series

Statistical theory

Asymptotic
Estimation theory
Information theory
Modelling
Probability

Theoretical mathematics

Algebra
Calculus & analysis
Combinatorics
Geometry & topology
Logic
Number theory

Application areas

(Please tick as many as applicable)

Culture and media

Defence and security

Health and wellbeing

Data centric engineering

Economic data science

Urban analytics

Data science at scale

Government

Additional content

(If there is any additional content that should be included, or doesn't fit in the previous pages, please add it here. If there any images, videos, or figures (with plain English captions) that would be helpful in communicating the project please include these separately when submitting this form)