# Position Details

## Research Scientist/Engineer – CSOF5

The following information is for applicants

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| Advertised Job Title**:** | Digital Economist |
| Job Reference: | 61841 |
| Relocation Assistance**:** | Will be provided to the successful candidate if required. |
| Applications Are Open To: | Australian/New Zealand Citizens and Australian Permanent Residents Only |
| Percentage of Client Focus - Internal: | 50% |
| Percentage of Client Focus - External: | 50% |
| Reports to the: | Team leader, Inclusive Socio-Technical Innovation |
| Number of Direct Reports: | 0 |
| Name and Contact Details For Applicant Enquiries  | Andrew Reeson Phone: 02 6216 7323Email: Andrew.Reeson@data61.csiro.au  |
| Contact Details For Applying | Call 1300 984 220 or email careers.online@csiro.au.  |
| How to Apply: | Please apply online at [jobs.csiro.au](https://jobs.csiro.au/) and enter the requisition number**.** Internal applicants please apply via ‘Jobs Central’ through the ‘People Hub’ icon Please do not email your application directly to Andrew Reeson.   Applications received via this method will not be considered by the selection panel. |

## Role Overview

The role of Research Scientist Staff in CSIRO is to conduct innovative research leading to scientific achievements that are aligned with CSIRO’s strategies. You may be engaged in scientific activity ranging from fundamental research to the investigation of specific industry or community problems. You will have the opportunity to build and maintain networks, play a lead role in securing project funds, provide scientific leadership and pursue new ideas and approaches that create new concepts.

As a digital economist you will have the opportunity to contribute to an exciting range of research projects through the Analytics & Decisions Sciences program within CSIRO's Data61. This role offers the opportunity to collaborate with scientists from a range of disciplines to address research questions of national importance to Australia.

In this role, the successful candidate will contribute to engaging with clients to deliver existing and developing new projects. This will include areas such as the economics of digital technology and its impact on employment, economic aspects of data and data sharing, market design and behavioural economics and human decision-making.

## Duties and Key Result Areas:

* Under limited direction, carry out economic and statistical analysis and modelling to research questions around the digital economy.
* Assist in the planning, implementation and analysis of economic experiments.
* Interact with internal and external stakeholders to deliver research projects and identify new opportunities.
* Present results in a meaningful format, prepare reports for clients and/or write scientific papers for publication.
* Communicate openly, effectively and respectfully with all staff, clients and suppliers in the interests of good business practice, collaboration and enhancement of CSIRO’s reputation.
* Work collaboratively as part of a multi-disciplinary, often regionally dispersed research team, and business unit to carry out tasks in support of CSIRO’s scientific objectives.
* Adhere to the spirit and practice of CSIRO’s Code of Conduct, Health, Safety and Environment plans and policies, Diversity initiatives and Zero Harm goals.
* Other duties as directed.

## Competencies:

1. **Teamwork and Collaboration: Cooperates with others to achieve organisational objectives and may share team resources in order to do this. Collaborates with other teams as well as industry colleagues.**
2. **Influence and Communication: Uses knowledge of other party's priorities and adapts presentations or discussions to appeal to the interests and level of the audience. Anticipates and prepares for others reactions.**
3. **Resource Management/Leadership: Allocates activities, directs tasks and manages resources to meet objectives. Provides coaching and on the job training, recognises and supports staff achievements and fosters open communication in the team.**
4. **Judgement and Problem Solving:** Investigates underlying issues of complex and ill-defined problems and develops appropriate response by adapting/creating and testing alternative solutions.
5. **Independence: Plans, sets and works to meet challenging standards and goals for self and/or others. Recognises where endeavours will make the most impact or difference, decides on desired outcome and sets realistic goals to reach this target.**
6. **Adaptability:** Copes with ambiguity or situations that lack clarity. Adapts readily to changing circumstances and new responsibilities (which may include activities outside own preferences) in the interests of achieving team objectives. Recognises the need for and undertakes personal development as a result of changes.

## *Essential* Criteria:

*Under CSIRO policy only those who meet all selection criteria can be appointed.*

1. Relevant postgraduate qualifications or equivalent experience in economics or related disciplines.
2. Experience in economic analysis.
3. Experience in statistical analysis and modelling.
4. The ability to work effectively as part of a multi-disciplinary research team, and carry out tasksautonomously.

## Desirable Criteria:

1. Knowledge of R, python and/or agent-based modelling.
2. Experience of economic issues related to technology.

## About CSIRO:

We imagine. We collaborate. We innovate. To find out more visit us [online](http://www.csiro.au/)!

Find out more about the CSIRO [Data61](https://www.data61.csiro.au/)