



STEM PERSON
OF THE
WEEK

Scott Lawrie Physicist

Scott is in charge of the ion source at the start of a particle accelerator. He has to be **hard-working** and **creative** to keep the machine running and to improve it over time. Scott is **imaginative** and spends his time thinking of interesting ways to measure plasma (the pink light in the middle of the picture).

creative

imaginative

hard-working

STEM PERSON
OF THE
WEEK

Scott Lawrie

Physicist

This week's attributes:

creative

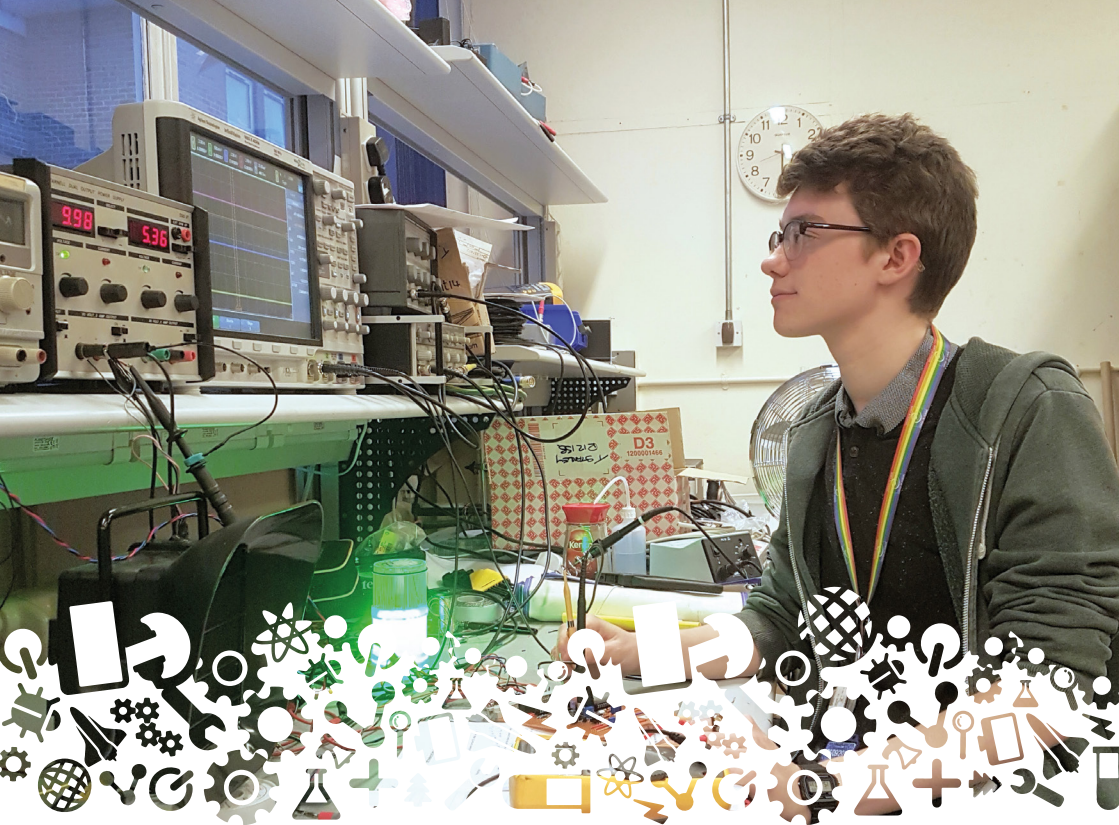
Creative people have original ideas and use these to make something new.

imaginative

If you are imaginative, you can think of new and interesting ideas.

hard-working

Hard-working people put all of their effort into finishing things.



STEM PERSON
OF THE
WEEK

Tristan Canfer

Electronic Engineering Apprentice

Tristan's role involves building, testing and fixing electronics for the particle accelerator. He has to be **curious** in order to diagnose and fix problems with his machine. Tristan's **self-motivation** allows him to keep learning during his apprenticeship. He has to be a good **communicator** and works as part of a team.

communicator

curious

self-motivated

nustem



Science & Technology
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NEWCASTLE

Tristan Canfer

Electronic Engineering Apprentice

This week's attributes:

communicator

Communicators are good at sharing information and ideas with other people.

curious

If you are curious, you want to learn new things.

self-motivated

Self-motivated people like to do things for themselves without being told how to do them.



STEM PERSON
OF THE
WEEK

Mariastefania De Vido

Laser Scientist

Mariastefania develops new kinds of high energy lasers. She has to be **open-minded** when creating and implementing new ideas. She is **passionate** about her work. The lasers she builds are used to create the same conditions found inside the core of planets. If Mariastefania finds her work difficult, she is **tenacious**: refusing to give up until she has solved a problem.

open-minded

passionate

tenacious

Mariastefania De Vido

Laser Scientist

This week's attributes:

open-minded

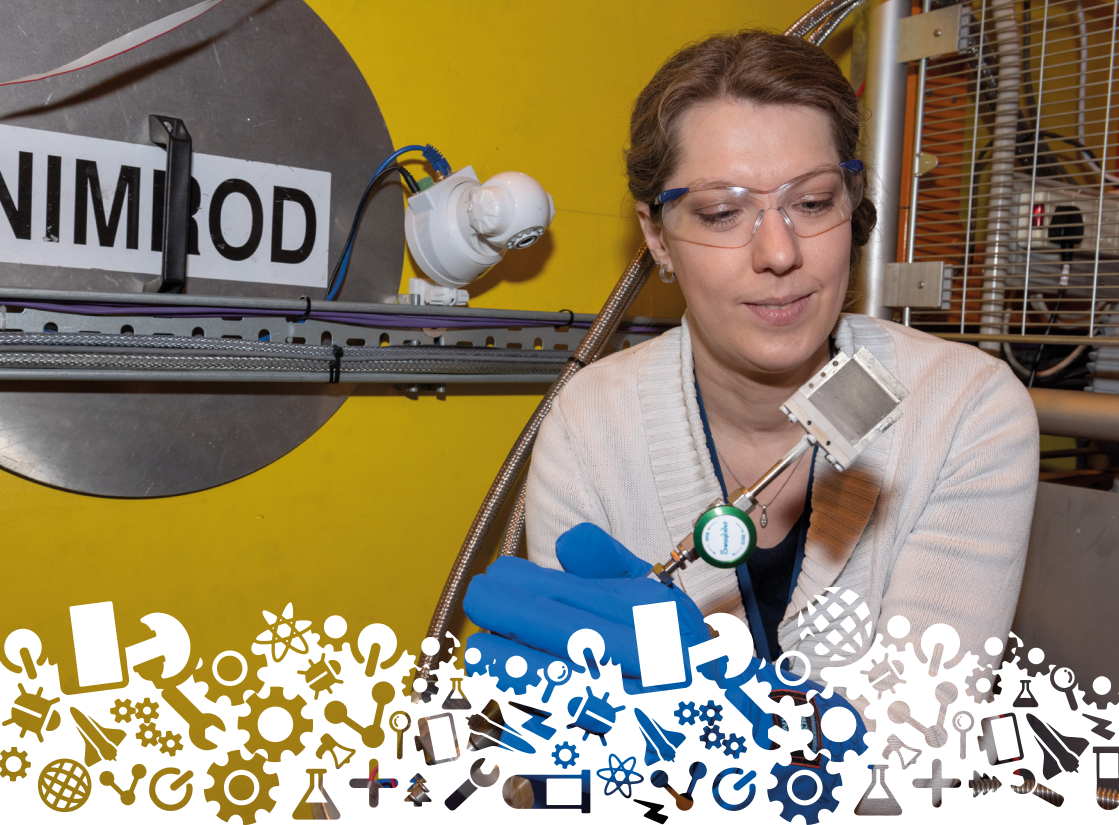
Open-minded people are willing to listen to new ideas and respect other people's views and opinions.

passionate

Passionate people have strong feelings about things that interest them.

tenacious

If you are tenacious, you are able to stick with something difficult until it is finished.



STEM PERSON
OF THE
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Sabrina Gaertner Instrument Scientist

Sabrina is an instrument scientist who works with particle accelerators. She is **collaborative** and has to work with different people in her team. She is a **committed** scientist responsible for operating a machine that allows her to look at the structure of liquid and glass to learn about their structure. Sabrina has to be **patient** when analysing her results.

committed

patient

collaborative

Sabrina Gaertner

Instrument Scientist

This week's attributes:

committed

If you show commitment, you stick with an activity and try your hardest to make it happen.

patient

If you are patient, you are able to stay calm when faced with problems.

collaborative

Collaborative people work together to do things.



STEM PERSON
OF THE
WEEK

Dr Maheshwarappa Satellite Engineer

Mamatha designs and tests spacecraft before they go into space. She has to be **organised** and **observant** to ensure that every part of the spacecraft is ready before it is launched. Her work is challenging and she needs to be **resilient** when things are difficult.

observant

organised

resilient

STEM PERSON
OF THE
WEEK

Dr Maheshwarappa

Satellite Engineer

This week's attributes:

observant

If you are observant you are quick to see things, you are able to spot fine details and are you good at paying attention.

organised

Organised people are good at planning to make sure they finish things.

resilient

Resilient people can quickly recover from difficult or challenging things.