



Advanced Mathematics
Support Programme®



North West Festival of Women in Mathematics - Final session plus Q&A

Online

7th July 2021

Overview

The North West Festival of Women in Mathematics is open to all KS4 and KS5 students of Mathematics (some sessions are only open to KS5 due to their content) but we would particularly like to encourage female students who might be considering studying Mathematics or a STEM subject at A Level or University. There are a number of online workshops over three weeks given by research mathematicians at various career stages.

In this session Katie Chicot will give an interactive session on Codebreaking and Cryptography which will be followed by a chance to ask questions to a number of the panellists.

Here is a table of all of the sessions. You will need to register to attend any sessions individually

Teachers please sign up for the event (not students individually). [We will then contact you with the Zoom webinar registration details before the event for you and your students to register](#)

Name	Title of Session	age group	Time	Event Number
Professor Rebecca Shipley	"Mathematics in Healthcare"	all ages	Wednesday 23rd June 1.30 - 2.30pm	8419
Eleanor Doman	"Similarities and Scalings in Nature: An Introduction to Mathematical Biology"	all ages	Tuesday 29th June 5.30 pm	8425
			and Wednesday 30th June 2pm	8426
Professor Louise Walker	"Origami and the mathematics of paper folding"	all ages	Monday 5th July 10am and Tuesday 6th July 5.30pm	8430 8431
Dr Demi Allen	"A formula inspired by mice brains and playing darts on fractals"	all ages	Thursday 1st July - 11am	8429
Dr Yang Han	"Statistics and Data Analysis"	all ages	Tuesday 29th June 10.30am	8421
Dr Anastasia Kisil	"Mathematics, Resonance and Metamaterials"	16+	Thursday 1st July 7pm	8408
Dr Vandita Patel	"Fermat's Last Theorem and Beyond"	all ages	Thursday 24th June 10am	8420
Dr Vandita Patel	"Decoding Mathematics"	16+	Monday 28th June 7pm	8410
Eleanor Johnstone	"How to get to the edge of the atmosphere, the bottom of the ocean and everything else in between: using fluid dynamics to understand our world"	16+	Wednesday 7th July 1pm	8443
Guest Speaker plus a panel of female mathematicians	Final session plus Q&A	all	Wednesday 7th July 7pm	8432

Aims

- Showcase successful women in mathematics and statistics at various stages of their careers
- Enrich participants' knowledge of several interesting topics from mathematics and statistics
- Give participants an insight into the careers of female mathematicians and statisticians

Who will benefit from attending?

This session is open to KS4 and KS5 maths students (and teachers). We would particularly like to encourage female students who might be considering studying Mathematics or a STEM subject post-16 or at University.

Key Facts

Event ref:	#8432
Audience:	Students, Teachers
Target year:	Year 10, 11, 12 & 13
Curriculum focus:	11-16 maths, A level Mathematics, A level Further Mathematics
Event format:	Enrichment
Event length:	1 hour
Region:	North West
Venue:	Zoom Webinar
Date:	Wed 7th Jul 2021
Course times:	19:00 - 20:00
Fee:	FREE

Registration

For more information, or to register for this event, please visit <https://amsp.org.uk/events/details/8432>