

# Virtual Forum for Knowledge Exchange in the Mathematical Sciences

David Abrahams  
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## V-KEMS

Virtual Forum for Knowledge  
Exchange in the Mathematical  
Sciences

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**Knowledge Transfer Network**

# Virtual Forum for Knowledge Exchange in the Mathematical Sciences - Context

- Where has this come from? **Connected Centres, COVID19**
- **Who's involved?**

David Abrahams	Isaac Newton Institute
Caroline Ang	University of Bath
Matt Butchers	Knowledge Transfer Network
Chris Budd	University of Bath
Alan Champneys	University of Bristol
Liam Holligan	ICMS
Rebecca Hoyle	University of Southampton
Joanna Jordan	Independent KE Consultant
Jane Leeks	Newton Gateway to Mathematics
Clare Merritt	Newton Gateway to Mathematics
Dawn Wasley	ICMS

- **What is it doing?...**

# Virtual Forum for Knowledge Exchange in the Mathematical Sciences - Philosophy

## Three Pillars of V-KEMS

Business  
Continuity

Providing  
“business as  
usual” KE support  
for businesses  
through virtual  
triaging and  
problem solving

Reactive  
Support for  
Emerging  
Threats

Creating an  
environment for  
important and  
emerging topics to  
be discussed with  
business leaders  
and policy makers.

A resource  
for the  
community

Adding value to  
existing initiatives.  
Providing  
connectivity within  
and beyond the  
mathematical  
sciences.

# Virtual Forum for Knowledge Exchange in the Mathematical Sciences – Means & Activity

## Business Continuity

Providing “business as usual” KE support for businesses through virtual triaging and problem solving

## Reactive Support for Emerging Threats

Creating an environment for important and emerging topics to be discussed with business leaders and policy makers.

## A resource for the community

Adding value to existing initiatives. Providing connectivity within and beyond the mathematical sciences.

Virtual Study Groups (first ran 20<sup>th</sup> - 23<sup>rd</sup> April)

Weekly seminar on Decontamination of Surfaces for COVID-19 (starts 24 April)

Public Lecture – Climate Change: How Can Mathematics Help us to Respond? (20 April)

Discussion Forum on AgriFood Logistics (28 April)

Virtual INI Programme (IDP) created as integral part of Royal Society RAMP initiative

Rapid response for DHSC on COVID19 recovery.