



Isaac Newton Institute
for Mathematical Sciences

RESEARCH PROGRAMME: JANUARY-JUNE 2023

Mathematical theory and applications of **MULTIPLE WAVE SCATTERING**

*"Waves are all around us, as acoustic waves, elastic waves, electromagnetic waves, gravitational waves or water waves... this programme will be an **interdisciplinary joining of forces** to **elucidate the fundamental mathematical aspects** of **multiple wave scattering in a variety of contexts**, aiming for a **deep understanding of the commonalities**."*

Winter School

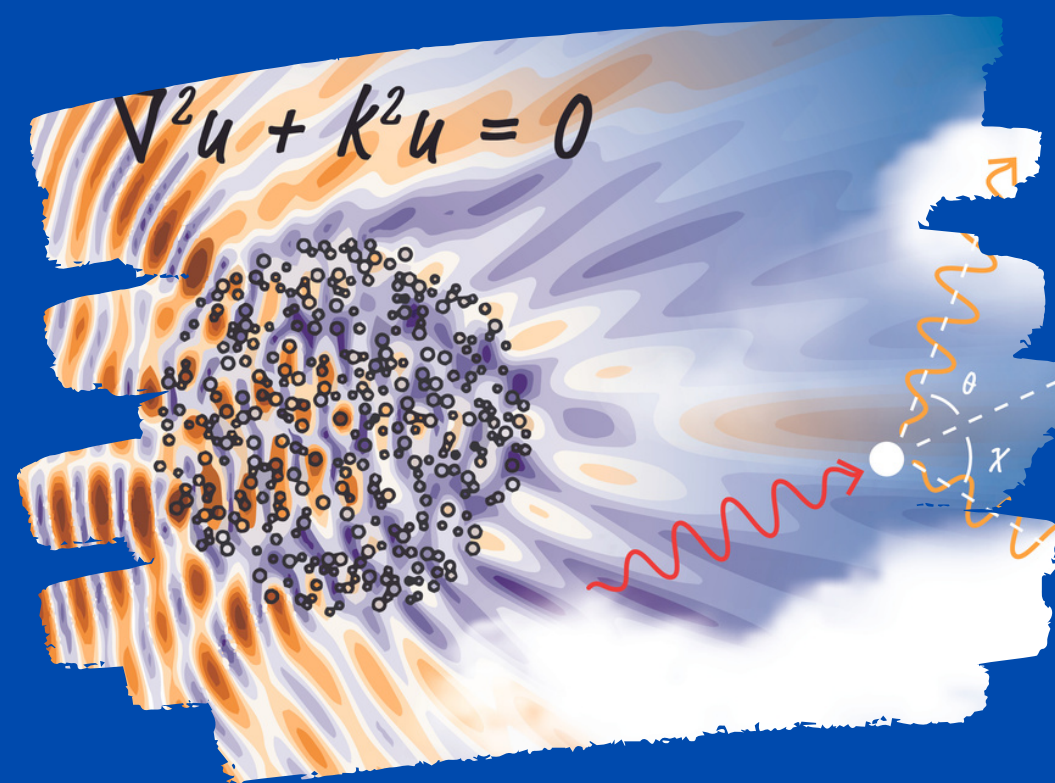
9-13 JANUARY 2023 | **APPLY BY 09/09/22**
> www.newton.ac.uk/event/mws05

Canonical scattering problems

6-10 FEBRUARY 2023 | **APPLY BY 06/10/22**
> www.newton.ac.uk/event/mws01

Theory of wave scattering in complex and random media

20-24 MARCH 2023 | **APPLY BY 20/11/22**
> www.newton.ac.uk/event/mws02



Computational methods for multiple scattering

17-21 APRIL 2023 | **APPLY BY 17/12/22**
> www.newton.ac.uk/event/mws03

Multiple scattering in engineering and applied sciences

22-26 MAY 2023 | **APPLY BY 22/01/23**
> www.newton.ac.uk/event/mws04

www.newton.ac.uk/event/mws

W
O
R
K
S
H
O
P
S