

# Periodic Structures in Applied Mathematics

Mathematisches Institut, Georg-August-Universität Göttingen

August 18 to August 31, 2013

International Summer School in Mathematics  
For Bachelor Students

Introductory course on periodic structures (Ingo Witt, Göttingen)

Mathematics of photonic crystals (Michael Plum, Karlsruhe)

Phononic crystals (Natalia Movchan, Liverpool)

Local perturbations of periodic media (Sonia Fliss, Paris)

Inverse scattering problems for periodic structures (Thorsten Hohage, Göttingen)

Allen-Cahn equations in periodic media (Enrico Valdinoci, Milan)

Semiclassical analysis for periodic media (Ingo Witt, Göttingen)

Further information: [www.math.uni-goettingen.de/summer](http://www.math.uni-goettingen.de/summer)

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