

# APPLIED MATHEMATICS SUMMER SCHOOL

25TH AUG - 7TH SEP 2019



## THE SCHOOL

Mathematical concepts and techniques are used in virtually all fields of science and engineering. Mathematics can enable exciting new discoveries and techniques. This school will expose the participating students to the frontiers of Applied Mathematics Research at KAUST.

## THE PROGRAM

Enjoy 2 weeks at KAUST with courses in:

- Mean Field Games
- Numerics for PDEs
- Homogenization
- Scientific Research Skills

Students on the program will attempt to produce a collaborative research paper. A lively social program including snorkeling in the Red Sea or a desert safari will also be included.

## SCHOLARSHIP

KAUST will provide you with a living allowance of \$500. Round-trip air tickets, health insurance, accommodation, visa assistance, and access to recreational facilities will be offered free of charge.

## HOW TO APPLY

Participants are selected on a competitive basis. Bachelor and Master students in Mathematics, Economics, Physics and Engineering and other related disciplines can apply. Academic grades, motivation for participation and any research experience are used as evaluation criteria. Good English skills are also required. Visit our website to learn more and apply before 25 May 2019.



[MATHEMATICSCAMP.KAUST.EDU.SA](http://MATHEMATICSCAMP.KAUST.EDU.SA)



**CEMSE** Computer, Electrical and  
Mathematical Sciences  
and Engineering