



## Photonics Summer Camp



# KAUST Photonics Summer Camp

## 1st – 31st July 2018

Photonics has revolutionized the 21st century technologies. It enables new superior tools in areas ranging from medicine to communications to clean energy, which comes with outstanding career and employment opportunities for young scientists and engineers. This one month Summer Camp is to expose the participating students to the frontiers of photonics research.

### Program

The Camp comprises a core of hands-on cutting-edge research projects in various areas of modern photonics, accompanied by workshops and technical training in use of state-of-the-art nanofabrication and imaging facilities. The following research areas will be covered by leading scholars and experts:

- Semiconductor lasers and photonic integrated circuits
- Biophotonics
- Nanomaterials for photonics and energy
- Energy-conversion phenomena
- Optical communications
- Nature-inspired photonics

### Benefits

KAUST will provide you with a monthly living allowance of \$1000 and academic credit. Round-trip air tickets, health insurance, accommodation, visa assistance, and access to recreational facilities will be offered free of charge.

### Social Events

The Summer Camp is accompanied by a vivid social program including local activities such as snorkeling in the Red Sea, desert safari, horse and camel riding, rafting and beach BBQ. Some earlier participants have become licensed Scuba divers here.

### Eligibility and Selection

Participants are selected on a competitive basis. Bachelor and Master students in Electrical Engineering, Physics, Material Science and Engineering, Optoelectronics 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 31st January 2018.

[photonicscamp.kaust.edu.sa](http://photonicscamp.kaust.edu.sa)