



# AAF 2018 Summer University

**Algiers : July 8th – July 14th**

**Venue: USTHB -Algiers**

**Batna : July 15th – July 19th**

**Venue: Batna2 University**

**Deadline for registration : May 30<sup>th</sup>, 2018**

**Program, Registration and Abstract submission:**

[http://www.usthb.dz/summer\\_university/](http://www.usthb.dz/summer_university/) or <http://algerianamericanfoundation.org>

## MEETINGS PROGRAMS

### Smart Grids (Algiers and Batna)

Smart Grid Basics and Issues  
Technical Issues  
Renewable Energy and Storage  
Electric Vehicles  
Operation and Architectures  
Cyber Security  
Poster Presentations  
Open Discussions

### Biotechnology, Imaging and Health sciences (Algiers)

Bioengineering and medicine.  
Advances in molecular Imaging  
techniques and clinical applications  
Bioimaging applications and  
associated research  
Animal models of disease  
Translating basic research into applied  
science and applying for patients

### Civil Engineering (Algiers)

Non-destructive evaluation and  
rehabilitation of existing concrete  
and masonry buildings and  
structures  
Modeling of catastrophic risk  
Seismic design of confined masonry  
Non-linear pushover analysis  
Seismic design of new buildings  
Seismic evaluation and retrofit of  
existing buildings