

UNIVERSITY OF BATNA



جامعة باتنة

AAF 2019

Summer University

July 28th – August 03rd

Venue : Batna2 University

<http://algerianamericanfoundation.org>

or

http://www.univ-batna2.dz/summer_university

MEETINGS PROGRAMS

Renewable Energy

Renewable Energy resources and harvesting technologies
Solar energy applications
Wind Energy, Modern turbine Design
Piezoelectricity and applications
Biomass
PV under desert environment
RE systems sizing, control and Optimization
Thermal solar technology (CSP)
Energy Storage systems for Grid
Electric Vehicle
AI based Analysis of RE Systems

Biology, Biotechnology & Health sciences

Good laboratory practices
Ethics in research and clinic
Living organisms and bioprocesses
Drug design, synthesis, and clinical trials
Genetic engineering
Organic chemistry
In-vitro Culture and cell culture
immunohistochemistry
Practice guidelines in Medical Imaging
Patient safety patient and staff care
Translating applied science to the clinic

Civil Engineering & Architecture

Non-destructive evaluation and rehabilitation of existing concrete and masonry buildings and structures
Advanced topics in concrete
Modeling and analysis methods for structures and continua
Seismic design principles for new buildings
Seismic evaluation and retrofit of existing buildings
Interventions on historic buildings and monuments
Modeling of catastrophic risk



With the support of Algerian Foreign Affairs Ministry (MAE), ONOU, Embassy of Algeria in US, General Consulate of Algeria in US and US Embassy in Algeria