

***KING ABDULLAH UNIVERSITY***

***of***

***SCIENCE and TECHNOLOGY***



King Abdullah University of Science and Technology

KAUST



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## Postgraduate research university opened in Sept. 2009:

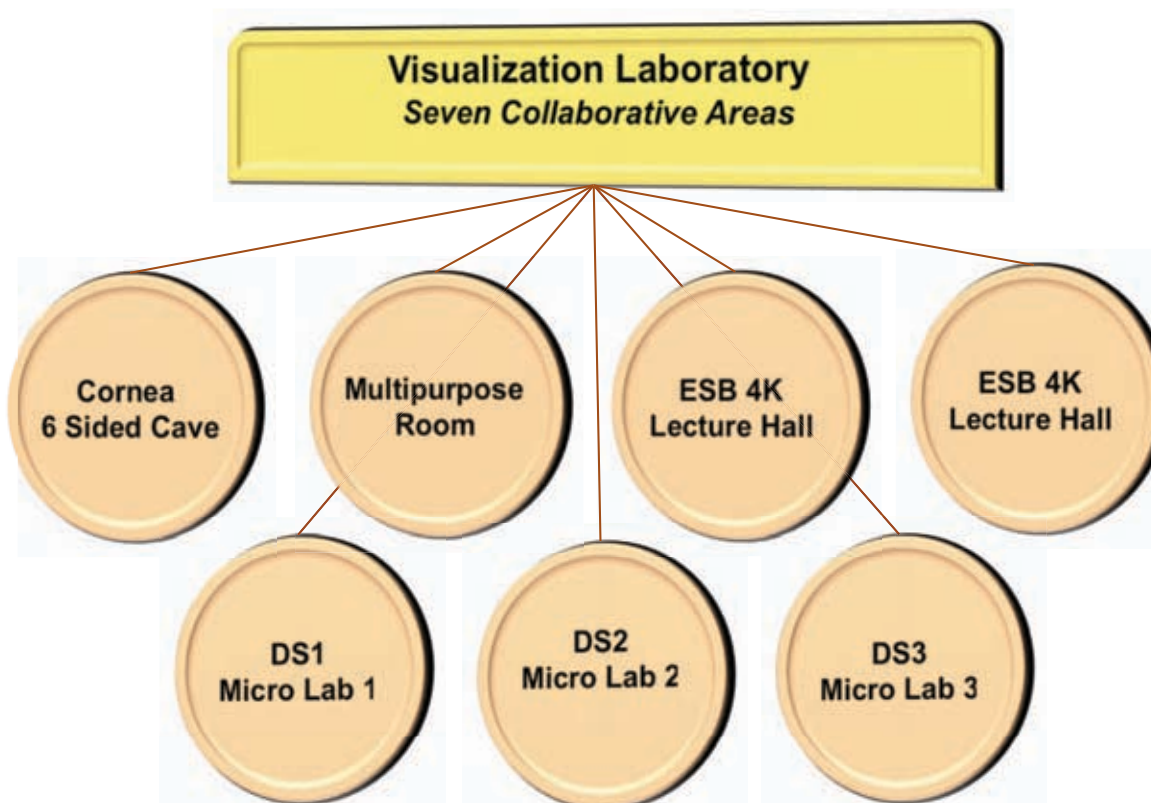
- 3 Divisions:
  - Chemical and Life Sciences and Engineering (CLSE)
  - Mathematical and Computer Sciences and Engineering (MCSE)
  - Physical Sciences and Engineering (PSE)
- 9 Research Centres:
  - Catalysis
  - Computational Bioscience
  - Geometric Modeling and Scientific Visualization
  - Advanced Membranes and Porous Materials
  - Plant Stress Genomics
  - Solar and Photovoltaics Engineering Research Center
  - Red Sea
  - Clean Combustion
  - Water Desalination and Reuse
- ~ 600 students (MSc, PhD)
- > 75 faculty members





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- 24 of the world's highest native resolution projectors (4096x2160 pixels each)
- Fully immersive stereoscopic visual environment, with 100 Million Pixels
- Allows up to 8 viewers in the environment





## Oxford Centre for Collaborative Applied Mathematics (OCCAM - Prof John Ockendon):

- Basic and problem-oriented research in innovative mathematics and novel numerical algorithms for scientific, industrial, commercial, and civil applications

## University of Cambridge (Prof Peter Markovitch):

- Fundamental and applied analysis and simulation of processes in life sciences, nanoscience and engineering using nonlinear partial differential equations

## University of Rome, La Sapienza (Prof Anna Tramontano):

- Computational modelling of proteins and protein interaction networks combining knowledge and approaches from physics, biology, engineering and chemistry

(amongst others)



### Partner:

- ERASMUS mundus, Action 2, Strand 2, Lot 4 – coordinator:  
Univ. Deusto

### Participant:

- EU-GCC Clean Energy network

### Associated partner:

- Gen2phen: FP7 – establish bioinformatics GRID-linked databases
- QUEST: ITN - Quantitative estimation of Earth's seismic sources and structure
- Prof Jean Marie Basset, President of IDECAT (European network of excellence including 40 European laboratories) –  
Director of KAUST Catalysis Centre

(amongst others)

# KAUST: A Science & Innovation Hub for Saudi Arabia and the region





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