

The Advanced Institute on Global Healthcare Innovations

Advanced Study Institute

Technical University of Crete, Chania, Crete, June 18, 2019



The main objective of this advanced institute on Global Healthcare Innovations is to expose undergraduate and graduate engineering students to the relatively new approaches of advanced technologies for BRAIN and life sciences, data science and artificial intelligence for biomedicine, healthcare entrepreneurship and innovation.

To accentuate these critical and emerging developments, the advanced institute 2019 will be held at the Technical University of Crete, Chania, Crete, Greece, June 18, 2019.

It will focus on translational research and the need for a paradigm shift in engineering and science education. Also discussed will be the need for research that places an emphasis on the opportunities presented by combining translational research with the fields of data science, engineering innovation and entrepreneurship, and the potential impact on economic growth.

Program at a Glance

June 18, 2019

Opening and Welcome Remarks

08:50-09:00 AM

Evan Diamadopoulos, Rector, TUC

Michalis Zervakis, Vice Rector, TUC

Metin Akay, Director, ASI

Symposium #1 Advanced Tech for BRAIN

09:00-10:30 AM

Ted Berger, USC, USA

Natalie Mrachacz-Kersting, Aalborg, Denmark

Daniel Strauss, Saarland, Germany

Coffee Break 10:30-11:00 AM

Symposium#2: Data Science and Health Informatics

11:00 AM-12:30 PM

Frank Eisenhaber, A-Star, Singapore

May Wang, Georgia Tech, USA

Brigit Eisenhaber, A-Star, Singapore

Lunch Break 12:30-02:00 PM

Symposium#3: Sensors and Cognitive Science

02:00 PM-04:00 PM

Metin Sitti, Max Planck Institute, Germany

Emil Jovanov, Alabama, USA

Michael Mitchell, UPENN, USA

Karin Wang, Temple, USA

Panel: Integration of Research with Education

04:00-05:00 PM



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