TAMUQ hosts LNG facilities course

TEXAS A&M University at Qatar (TAMUQ) hosted a two-day advanced course titled ‘Gas Explosion Hazards for LNG Facilities’.

Representatives of major oil and gas companies, academia and regulatory institutions attended the course which addressed all aspects of explosion hazards for LNG facilities including LNG safety regulations, gas explosion basics, LNG accident analysis and consequence models, explosion risk assessment and risk reduction methodologies.

Dr Luc Vechot, assistant professor of chemical engineering at TAMU and course co-organiser, said, “It is a part of our mission to spread the word about good safety and environmental practices. The topic of the course is highly relevant to Qatar as the largest LNG producer in the world.”

The course was provided by GexCon, an engineering consulting firm specialising in gas dispersion, fire and explosion safety, and the Texas A&M Mary Kay O’Connor Process Safety Center (MKOPSC).

Dr Scott G Davis, president of explosion and fire safety at GexCon, said, “The value of the course is that it provides an overview of gas explosion hazards associated with LNG and other petrochemical facilities, along with state-of-the-art risk assessment methodologies and advanced consequence modelling tools.”