UH SUBSEA ENGINEERING PROGRAM SUPPORTS THE 50TH ANNUAL OFFSHORE TECHNOLOGY CONFERENCE

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The Offshore Technology Conference ? one of the largest energy expositions in the world where energy professionals and industry leaders gather to exchange ideas and cutting-edge knowledge ? is celebrating 50 years. Its flagship conference is an annual event in Houston, the ?Energy Capital of the World.?

More than 70,000 attendees representing more than 100 countries are expected to attend the 2018 conference.

Not surprisingly, the UH Cullen College of Engineering’s Subsea Engineering Program ? the first U.S. academic program in the discipline and a worldwide leader in subsea engineering education, technological advances and policymaking ? is a definite presence at the gathering.

Dr. Phaneendra Kondapi, director of the UH’s subsea engineering program, is the lead and key member of subsea processing (with Don Underwood of Dril-Quip) and flow assurance (with Doreen Chin of SST, Muge Demiroglu of BP, Weihong Meng of Genesis) technical sessions steering committees at OTC and involved in organizing four sessions this year.

Wednesday, May 2

12:15 p.m.: Kondapi will serve as chairperson and moderator of the luncheon session ?Where to Take Subsea Processing in the Current Market: Brown Field or Green Field? An Industry Perspective.? Speakers are Don Underwood, an oil and gas executive; Hans Christian Hamre, IRD team lead for subsea processing and systems at Shell; and Torbjørn Hegdal, business development manager for completions and production solutions at National Oilwell Varco.

The panel of experts will discuss what processing technologies are cost effective and can make a difference in subsea tiebacks in the current market conditions, as well as gaps that need to be addressed moving into the
future and the decision making process during the field development life cycle by considering both the technical and economical limitations of various subsea processing technologies.

2:00 p.m.: The **Subsea Processing** session, jointly chaired by Underwood and Kondapi—who has both industry and academia experience—will present several projects that deliver on the promise of increased production and reliability and share the leading subsea processing technology that promise further gains in cost, efficiency and reliability.

**Thursday, May 3**

9:30 a.m.: **Flow Assurance in a Cost Sensitive Environment: Engineering and Project Learning** session, chaired by Muge Erdogmus from BP and Kondapi, will present flow assurance engineering practice and lessons learned from development and projects—green field and brown field, and the advances in technology that helps to deliver cost effective engineering concepts and flow assurance risk management solutions.

2:00 p.m.: **Cost Effective Chemical Solutions for Sustainable Production** session, also chaired by Erdogmus and Weihong Meng of Genesis Oil and Gas Consultants, will present newly developed technologies and products for production chemicals, the deployment and learnings, and the significance of reducing OPEX reduction unplanned shut down to achieve sustainable production.

This year’s event runs April 30 through May 3 at NRG Park. For more information visit the [OTC website](https://www.otc.org).

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