

ASME South Texas Meeting

Thursday, January 18, 2018

Program: *“Innovative Power Generation from Ocean/Sea Waves”*

Speaker: David Marchetti – Ocean Power Technologies – Pennington, NJ

We all rely on electricity and communications networks for business and personal use. Both are often not readily available, not reliable, or are not cost effective to create and maintain offshore. This is increasingly true in industries such as oil and gas, and can mean the difference between having a project approved or rejected. The oceans have abundant untapped energy that can be harnessed for many applications. Ocean Power Technologies (OPT) has developed a PowerBuoy® that takes advantage of this energy to solve these challenges for multiple industries. The field-proven PowerBuoy® converts wave energy into electricity, and provides a payload-agnostic power platform for a variety of remote offshore surface and subsea applications. The system also provides a reliable means for various forms of data to be transferred from subsea to the surface, where it can be transmitted real-time onshore. It can be used to create an autonomous system, which reduces the need for manned intervention, increases operational efficiencies, and ultimately reduces OPEX.

David Marchetti is the Director of Global Applications Engineering for Ocean Power Technologies. Over his 28-year career, David has worked in the areas of engineering, manufacturing/operations, aftermarket customer service, and most recently business development. Prior to his current role at OPT, David held positions with increased levels of responsibility for a variety of companies including Forum Energy Technologies, FMC Technologies Schilling Robotics, and GE Vetco Gray. David holds an MBA, from Our Lady of the Lake University, Houston, and a BS in Mechanical Engineering from San Diego State University.

Reservations: <https://www.brownpapertickets.com/event/3177484>

Location: [The Forest Club 9950 Memorial Drive](#) (near Chimney Rock)

Directions: From I-10, exit at Wirt / Chimney Rock turning south onto Chimney Rock. The first stop light is the intersection with Memorial. Turn left and travel two blocks east to the picket fences on the left. Turn left onto Saddlebrook and the Forest Club will be on your right.

Times: 5:30 p.m. to 6:15 p.m. Social Hour
6:15 p.m. to 8:45 p.m. Dinner Buffet and Program

Cost: \$40 Regular Reservation
\$50 at the door
Students Only \$15

ASME meetings are open to all. Membership is encouraged but not required to attend. Professional Development Hour (PDH) certificates will be available to participants at the conclusion of the event.