



American Institute of Chemical Engineers Dallas Section

DALLAS SECTION AIChE JANUARY 23, 2018 EXECUTIVE COMMITTEE & GENERAL MEETING MINUTES

A Dallas Section AIChE Executive Committee and General Meeting were held on January 23, 2018 at the Two Guys From Italy Restaurant in Dallas, TX.

A) EXECUTIVE COMMITTEE MEETING

The attendees were as follows:

Vice Chair:	James W. Muhitch
Secretary:	Frederic S. Eisen
Treasurer:	Fernando J. Aguirre
Director:	Andrew S. Moore
Director:	Julia Tossetti

Chair Jason Ballengee was absent but gave his proxy to Director Andy S. Moore. The Past Chair Donald B. Miller came later but gave his proxy to the Secretary Frederic S. Eisen. Director James K. W. McCreary also came later but gave his proxy to the Treasurer Fernando J. Aguirre. The Secretary determined a quorum was present. The meeting was conducted by the Vice Chair.

1) Future Programs – The Vice Chair will confirm with the February speaker, Benjamin Craig. His topic is process safety management.

2) TSPE Annual Awards Banquet – One of the themes this year is past engineer of the year winners so we will include some of our past winners as attendees. Our table of 10 will include 4 for Don Miller (our awardee), the Chair, the Vice Chair, the Secretary (a past awardee), Jose R 252.08 Tm{a)-5(rd)1(e)-55e Rndei-4(nc)11u0 0 1 728 Tm{J)-10(os)61655Do-10(osTm{J)-10(os)61655Do-15

Attendance at the General Meeting was 19.

The Vice Chair made some brief welcoming remarks. The Treasurer gave his report as discussed above.

The speaker for the evening was Tyler Sickels, CEO and founder of SolGro Inc. and UTA alumni. SolGro is an aggrotech startup founded in early 2017 by Tyler Sickels using technology developed at the University of Texas at Arlington. SolGro creates greenhouse canopies with nanophosphor embedded plastics to increase growth speed and crop yields.

The nanophosphor embedded plastic is used to replace existing or new greenhouse canopies without the need for structural changes. The technology amplifies UV light from the sun by converting the color-spectrum unused by plants into the correct wavelengths needed for photosynthesis. Initial results have shown yield increases of 345% over a 30 day testing period when compared to open air natural sunlight.

SolGro's vision is to become the leading supplier of cutting edge aggrotech solutions for the 1.2 million acres under greenhouse canopies world-wide. While the materials have a widespread application, including food production, current focus is on specializing materials that can be used to accelerate yields in the burgeoning cannabis industry. Currently small scale tests have been running in southern Colorado that has shown promising results. Larger scale testing is scheduled to start in California early Q2.

The meeting was adjourned at approximately 8:40 PM.

Fred Eisen
Secretary

2/7/18