



# THE STRUCTURAL ENGINEER

## Boost Your Leadership IQ: How to Successfully Transition from a Technical Engineering Contributor to a High Performing Leader

The War for Engineering Leadership Top Talent still rages across all industry sectors despite falling energy prices, but the question remains: "How do "Technical Engineering Contributors" make a successful and sustaining transition to become great leaders?

Learn the "critical success factors" and "must know" facts" that are "essential skills" to enable you to become a high performing leader.



Mark Hordes works with companies to help transition technical contributors to high performing leadership roles.

A former partner with a "Big Five" management consulting firm, Mark has successfully led global leadership development engagements for clients such as Bentley Engineering and Construction Systems, SADARA, GE, KBR, Chevron, Hoechst Celanese, Shell Oil, Baker Hughes, Blue Star/China, Tasnee, ConocoPhillips, Schlumberger, Tenneco, Dow, ABS, Sea Land, American Express, FASA Renault, Holiday Inns World-Wide, SABIC Europe as well as clients in Europe, Middle East, Mexico, Asia, China, Scandinavia, Africa, South America and Canada.

### MEETING INFO

WHEN:	WHERE:	COST:	RSVP:	UPCOMING MEETINGS
October 20, 2016 6:00 pm Social 6:30 pm Dinner 7:00 pm Program	Hess Engineering and Scientific Society 5430 Westheimer Houston, TX 77056 (713)627-2283	Members: \$25.00 Non-members: \$35.00 Student members & Non dinner guests \$10.00	<a href="#">Click Here</a> to register online. The deadline is 12:00pm, the Tuesday before	November 17, 2016 TBD  January 19, 2017 TBD

[CLICK HERE](#) TO REGISTER FOR THIS MEETING

## Presenter Biography

Mark is a "Leadership Development Thought Leader" and he is a sought after "key note" Engineering & Construction talent management motivational speaker, management consultant, and co-author of the best-selling business book:

"S-Business: Reinventing the Services Organization" published by: Select Books, New York, New York.

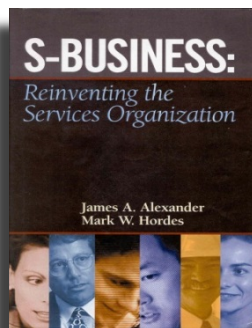
Mark has been profiled in the media and press, "The Houston Business Journal: "Face to Face with Mark Hordes" and frequently appears as a guest business contributor to The Houston Chronicle as well as being interviewed on radio and television.

Mark holds a BS degree from the University of Houston, and an MBA and MS in Human Behavior from Aurora University, as well as a Diploma with Distinction from The American Graduate School of International Management, "Thunderbird" where he focused on large scale global change.

In 2014, Mark was a "Who's Who in Energy Honoree" from the Houston Business Journal.



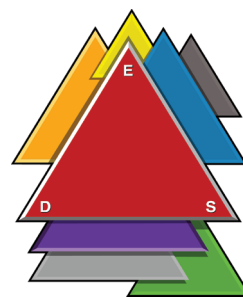
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## President's Corner

### Tan Tran, PE

Recently, I attended an event titled the "Future of Engineering Technology". This event was a round table breakfast for engineering firm leaders organized by the Business Development Institute and "Newforma", a well-known data management firm in the construction industry. It was a panel discussion centered on the subject of project data and information management. The panelists included Mr. Wayne Dolbec, Vice President of Construction, CDI Corp, Mr. Mike Harrison, Senior Vice President, Business Development, ENGglobal, Mr. Edmond Lunde, President, Projects & Modifications, Wood Group, Mr. Jim Zemski, Principal, Ziegler Cooper Architects, and was moderated by Mr. Tyler Ferguson, Director of Industry Solutions, Engineering, Newforma.

These experts all had different views on how technology of the future is rapidly emerging in the construction industry. However, they all agreed that there has been an explosion of data generated and transferred between all entities involved in the construction industry. Successful management of this mass of data is key to improved quality end products, and better results for clients and profitability to firms.

Successful management of data requires having a process in place to handle the information, its storage, and its communication to the correct entity. It also involves archiving data for fast and accurate retrieval at later dates for various reasons. Redundancy is also key to ensure quick business restarts in case of emergencies. This is particularly essential in the case when the company data management system is different from that of the projects it handles.

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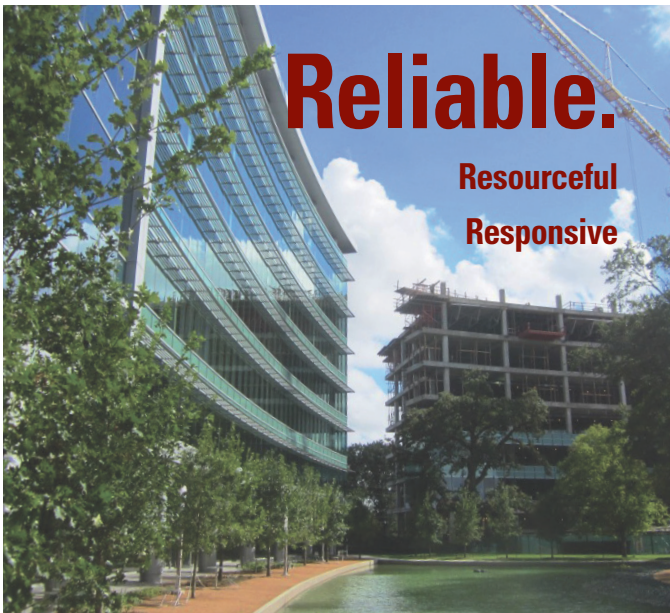
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## President's Corner (continued)

Tan Tran, PE

Successful data management also means ease of access to key data, and the close monitoring of such information so that one can adjust the outcome of projects. It was acknowledged by the panelists that it is difficult to ensure that all project data is retained. Thus even with the processes in place, monitoring of all users to enforce the processes is also essential.

At the end of projects, successful handoff of data to clients is also important. However, the tools needed to do that are currently not available. There is often the need for educating the clients on the values of the transferred data so that it can be used for running the constructed facility.

Thus, ready or not, the wave of massive data is coming, your business survival is certainly dependent on how well it can handle, process and retain that data volume.

See you at our monthly meeting or State Conference!



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## Texas A&M Student Chapter President

Natasha C. Boger

On Thursday, September 8th, Texas A&M's student chapter held their first meeting of the semester. The speaker was Eric Christiansen from Halff Associates. Mr. Christiansen gave a technical presentation on the design and construction process of three bridges which were placed in a newly built apartment complex. The students were greatly enlightened on the design build process by Mr. Christiansen while enjoying Double Dave's pizza.



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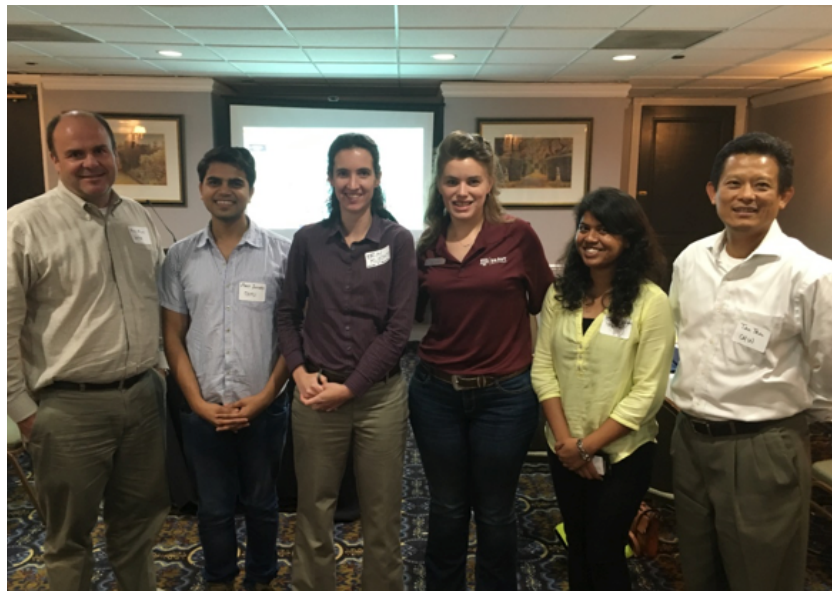
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## Texas A&M Student Chapter President (continued)

Natasha C. Boger

On Thursday, September 15th, several representatives from TAMU's student SEAOt chapter attended the Houston Gulf Coast Chapter Meeting in Houston at the HESS center. The students had the privilege of hearing from Mrs. Erin Kueht with Walter P. Moore on the design challenges and difficulties associated with the renovations of the Aggie's own Kyle Field.



On Saturday, October 1st, TAMU's student chapter of SEAOt held their semiannual picnic in the park. The students enjoyed time socializing and networking with their colleagues and structural engineering professors. Much fun was had playing giant Jenga and pick up sticks while eating Lanye's Chicken and cookies.



## 2016 Officers and Directors

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## 2016 Committee Chairpersons

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