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Looking Forward

After the ABA Fall Meeting, the next will be the mid-winter meeting for the ABA Forum on the Construction Industry which will be held in early 2010. MDC® plans to attend and exhibit at the conference.

Keep up-to-date with special events and important dates regarding this conference by visiting MDC®'s website at www.mdcsystems.com. More information will also be available in our next issue of the MDC Advisor®. We look forward to seeing you there!

Upcoming Events

[ABA Forum on the Construction Industry-Fall 2009 Meeting](#)

Learning From the Ins & Outs

When:
Oct. 15, '09 [7:30am-5pm]
Oct. 16, '09 [7:30 am-12:30pm]

Where:
LOEWS Philadelphia Hotel
1200 Market Street

Newsflash

American Bar Association
Forum on the Construction Industry
2009 FALL MEETING

THE TWO-WAY STREET OF
CONSTRUCTION COUNSELING:
LEARNING FROM THE INS & OUTS

SAVE THE DATE!

ABA
Defending Liberty
Pursuing Justice

OCTOBER 15-16, 2009
LOEWS PHILADELPHIA HOTEL,
PHILADELPHIA, PENNSYLVANIA

As the Summer of 2009 comes to an end, MDC® is ready to take on the fall by storm. Coming up in October are two conferences which MDC® will attend. The **American Bar Associations' Forum on the Construction Industry** will have its **Fall meeting on October 15-16, 2009** at the **LOEWS Philadelphia Hotel** right

Philadelphia, PA 19107

Click [Here](#) to Register

DVASBO 2009 Trade Show

When: **Oct. 16, 2009**
[8am-1:30pm]

Where:
Westover Country Club
South Schuylkill Avenue
Jeffersonville, PA 19403

here in the hometown of **MDCSystems®**. We are proud Philadelphia is hosting the conference this year and are excited to show conference attendees all the city of Philadelphia has to offer. Please remember to stop by our booth during the conference to meet MDC®'s expert witnesses and marketing coordinator **Connie Lin**, along with other professionals from **MDCSystems®**. For more information and to register online for this conference please visit the [ABA Forum on the Construction Industry's website](#).

Also in October is the **Delaware Valley Association of School Business Officials 2009 Trade Show**. This trade show is being held at **Westover Country Club in Jeffersonville, PA**. MDC® is proud to announce that this is the first time we will be present at the trade show, so please stop by our booth, Booth #30, on October 16, 2009 between 10:30 am-1:00 pm to meet representatives from **MDCSystems®**. We look forward to seeing you there!

Beware of the Gray to be Green

Donald R. Keer
Consulting Engineer

As companies strive to improve energy consumption, promote environmental responsibility and improve the use of sustainable fuel sources to either generate revenues or improve their bottom lines the risks are not always in the determination of capital budgets, project scheduling or execution but in the gaps between technology unit operations. Renewable energy facilities can have a dozen or more process unit operations, each with proven technologies yet at the unit interfaces the process can break down leading to reduced efficiencies, higher than expected start-up costs and lost profits.

To read the entire article please [click here](#).

"Reasonably Relied Upon..." The Growing Importance of Energy Modeling

E. Mitchell Swann, P.E., LEED A.P.
Consulting Engineer

As a strong component of the sustainability initiative in buildings, energy use is rightfully taking its place as a leading metric in evaluating a building's performance. Further emphasizing the importance of performance measurement is the expect roll out of an industry wide "Building Energy Performance" label which is intended to provide an objective comparison of energy use between buildings. Rating systems like Energy Star along with model energy codes look at both predictive energy use models and actual usage as crucial to determining a building's true performance and rating. The USGBC's newly issues LEED v3.0 rating system requires the initial certification, recertification and by extension the possibility of decertification of LEED buildings to be tied closely to comparisons of modeled and

Design on the Delaware 2009 is also coming up in October. It is the 7th annual Design on the Delaware Conference which will be held **W-F October 28-30, 2009** at the Sheraton Philadelphia City & The Center for Architecture. Last year MDC®'s **Steve Rymal & Peter Vander Heide** had the opportunity to lead a session titled **Hygrothermal Building Envelope Modeling & Analysis** (please click [here](#) to access presentation). **Mitch Swann** of MDC® also had the opportunity to lead his own session on **Risk Management Issues on Green Building Projects** (please click [here](#) to access presentation). Both presentations can be found on MDC®'s [website](#). Registration and fees are required for attending sessions; admission to the exhibit hall is free. For more information please visit the [AIA Philadelphia Website](#).

measured energy use over time.

To read the rest of the article please [click here](#).

Time Impact Analysis (TIA[®]): the Rosetta Stone for CPM Schedule Analysis

Robert C. McCue, P.E. and Stephen M. Rymal, P.E., Esq.
Consulting Engineers

Critical Path Method (CPM) schedules and formalized methods of analyzing schedule impacts started to enter mainstream construction management practice in the early 1980's. At that time, the industry recognized a need to accurately and scientifically measure schedule delays and conversely the affects of acceleration in real time during construction and also retrospectively after the work was completed. The ability to determine which party ultimately bore responsibility for schedule delays became the main focus on many projects as the assessment of liquidated damages or granting compensable time extensions became critically important to both owners and contractors. Just as the Rosetta Stone provided scholars with a means to translate Egyptian hieroglyphics into Greek text, Time Impact Analysis (TIA[®]) provides users with the means to translate CPM activities into understandable schedule impacts.

To download entire article please [click here](#).

MDCSystems[®] Advisor

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