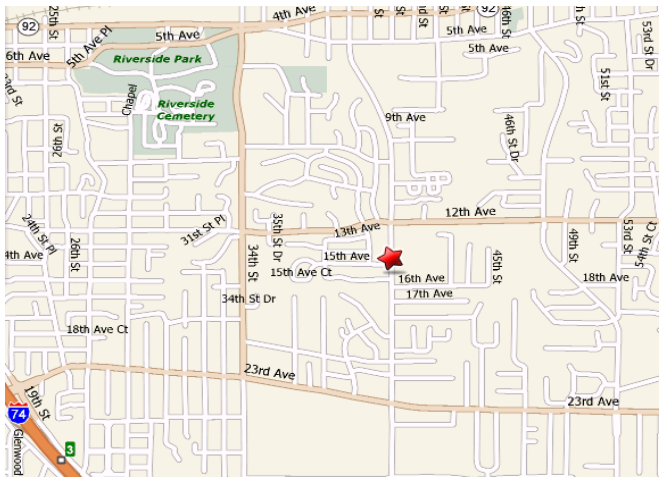




QUAD CITY SECTION WINTER MEETING

**Thursday
January 26, 2012
5:00 – 8:30 PM**

**VIKING CLUB OF MOLINE
1450 41st Street
Moline, IL 61265**



MEETING AGENDA

4:30 PM	Registration
5:00 PM	Technical Session I
5:30 PM	Technical Session II
6:00 PM	Social Hour
6:45 PM	Dinner
7:15 PM	Business Meeting
7:30 PM	After-Dinner Speaker

2011-2012 OFFICERS

Chair:	Anne Ryerson
Chair Elect:	Will Corman
Past Chair:	Joel Werling
Secretary:	Kevin Kohls
Treasurer:	Jim Shoemaker
Nominating:	Stephen Corban Lindsay Hodnefield Greg Long

National & Local Awards:	David Smith
Continuing Education:	Mehari Tekeste
Community Outreach:	Open Position
Membership:	Will Corman
Newsletter:	David Smith
Communication:	Marilyn Dumolien
Program:	Eric Viall Joel Werling
QCESC:	Joel Werling
Scholarship:	Cody Freehill
Social Hour:	Clifford Pim
Young Professionals:	Open Position

For updates on this meeting or for general Section information, see the Quad City Section web site at:

<http://www.qcesc.org/ASAE/index.htm> .

PRE-REGISTRATION FORM

QUAD CITY SECTION WINTER MEETING, THURSDAY, JANUARY 26, 2012.

Fill in the form below. Cut it off and send by January 19th to:

NO REFUNDS AFTER January 19th, 2012. (Contact Jim Shoemaker to cancel.)

Reach Jim at (309) 765-4529 or ShoemakerJimM@JohnDeere.com .

Jim Shoemaker

Moline Tech Inn Center

One John Deere Place

Moline, IL 61265

DINNER MEETING RESERVATIONS

MEETING FEES - PREPAY WITH CREDIT CARD

NAMES	1) _____	MEMBER:	\$22
	2) _____	NON-MEMBER:	\$24
		STUDENT:	\$12

COMPANY	_____	PROSPECTIVE:	FREE
		MEETING LESS MEAL:	\$5

SIGNED

Invite a prospective member. The Section will pay for the first dinner meeting for each guest that is a prospective member. Please pre-register and contact any Section Officer for new member registration forms.

TECHNICAL SESSION I

“Nuclear Energy In America – Safe, Clean and Reliable”

William Stoermer,
Senior Communication Manager,
Exelon Nuclear



Exelon Nuclear is the largest operator of nuclear power plants in the United States. The company currently operates 17 reactors at 10 sites in Illinois, Pennsylvania, and New Jersey. In Illinois, Exelon Nuclear operates nuclear plants at Byron, Clinton, LaSalle, Dresden, Braidwood, and Quad Cities. Exelon Nuclear is a subsidiary of the Exelon Corporation.

Bill has over 30 years of nuclear plant experience working for Exelon Nuclear. He has held several leadership positions within the company in Maintenance, Human Resources, Government Affairs, and Communications. He will be covering the safety, cleanliness, and reliability of nuclear energy in America in this session.

TECHNICAL SESSION II

“Hybrid Electrification in the Construction & Forestry Business”

Joe Mastanduno, Product Marketing
Manager, Engine / Driveline, Construction
& Forestry Division, John Deere



Joe Mastanduno has over 22 years in the power train business. He was involved in developing the Clean Air Act, a joint effort between the automotive industry and the federal government. After that, Joe worked in the emission test equipment supply business, providing testing equipment to automotive and diesel engine manufacturers. He joined Isuzu Motors at the early stages of development of the Duramax Diesel engine for General Motors. For the last three years, he has been developing the engine/driveline portfolio for John Deere with an eye on the upcoming Tier 4 launch.

Joe is a graduate of the University of Pennsylvania, with a degree in engineering. Joe also received an MBA from Walsh College in Michigan. In this session, Joe will be covering the way that hybrid electrification on wheel loaders will help address the Tier 4 and fuel economy requirements.

AFTER-DINNER

“The How & Why of Digital Human Modeling”



Dr. Tim Marler, Senior Research Scientist,
Virtual Soldier Research Program,
University of Iowa

In addition to his duties at the University of Iowa, Dr. Marler is co-founder and chief research officer for SantosHuman, Inc. His research focuses on human modeling, decision-making, optimization, and evaluation of body born equipment. His experience ranges from software design to manufacturing, at Ford, Amana, Pacific Northwest National Lab, and Hon.

In the course of a day, can you find anything that humans do not somehow interact with? How many items can you find that are not designed on the computer? The answers to these questions define the scope of applications for digital human models that predict human behavior and performance. Santos is the premier physics-based predictive human who can answer questions like how comfortable someone is in a car, how much someone can carry, or how restrictive equipment may be. This presentation will address how Santos works the problems he can solve, and discusses applications and future directions of human modeling.