

AEG Shlemon Specialty Conference

Advancing New Madrid Region Time-History Determination



**Wednesday – Friday
June 3 – 5, 2009**

Organized by the Association of
Environmental & Engineering
Geologists and the AEG Foundation

Program Coordinators:

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Credit: 1.5 CEUs

Date/Time:

Wednesday, June 3, 1:00pm-5:00pm

Thursday, June 4, 8:00am-5:00pm

Friday, June 5, 8:00am-12:00pm

Location:

Fogelman Executive Conference Center
University of Memphis
330 Innovation Drive
Memphis, TN

**Fee: \$315 AEG Members
\$390 Non-members**

(includes materials & lunch on Thursday)

\$1,000 Exhibitors

(includes the above and one registration)

Dress: Business Casual

**ENROLLMENT IS LIMITED – be sure
to register early!**

This **Shlemon Specialty Conference** concerns the most recent research and the various methods to develop and use intraplate earthquake time histories, particularly in the Central US. The conference will bring together researchers, design practitioners, government-agency specialists, and large facilities' design managers to raise the state of practice.

The objective of the conference is to raise the state of practice and extend the confident use of time histories. Noted researchers and those who create and/or use time histories will document appropriate elements and methodologies for determining and using time histories. The conference will also be concerned with the precision and accuracy of the methodologies and what added information would lead to the greatest reduction in uncertainty.

Intraplate earthquake time histories are a controversial topic, particularly compared to western US evaluations (a plate margin with many more applicable events and recordings). New Madrid Seismic Zone's and other sources' intraplate seismicity, attenuation, spectra, and local site conditions pose difficult issues concerning unique Central US properties, methodologies, and their accuracies. This is an extremely important topic as the Bicentennial approaches for the Great New Madrid Series of earthquakes in 1811 and 1812. US Geological Survey (USGS) and the University of Memphis' Center for Earthquake Research and Information (CERI) are strongly supporting the conference.

KEYNOTE SPEAKERS:

Gail Atkinson (University of Western Ontario) *Characteristics of Ground Motions in Inactive Regions and Associated Constraints on Time History Methods*

Martitia Tuttle (USGS, Memphis, TN) *Geological Record of Ancient Earthquakes in the Central US*

Rob Williams (USGS, Golden, CO) *Shear-Wave Velocity Structure in the Central US*

Dominic Assimakis (Georgia Tech) *Nonlinear Site Response in Ground Motion Predictions*

Jack Baker (Stanford University) *Active Region Time History Selection/ Generation Approaches*

Chris Cramer (CERI, University of Memphis) *Central and Eastern US Time History Selection/ Generation Approaches*

Reginald DesRoches (Georgia Tech) *Engineering Applications and Issues for the Central US*

WE ENCOURAGE ABSTRACTS FOR PRESENTATIONS OR POSTERS. ABSTRACTS DUE NO LATER THAN APRIL 30, 2009

**Acceptable topics for abstracts include:
Central US time history assessment; or
Time histories calculated for particular Central US sites**

To submit your abstract and for more information, go to www.aegweb.org and click on the link at the bottom of the home page

THE UNIVERSITY OF
MEMPHIS

**Fogelman Executive
Conference Center**

REGISTRATION FORM

Shlemon Specialty Conference

Advancing New Madrid Region Time-History Determination

Fogelman Executive Center, University of Memphis, Memphis, TN

June 3 – 5, 2009

Sponsored by: The AEG Foundation and
The Association of Environmental & Engineering Geologists

(PLEASE PRINT)

Name _____

Affiliation _____

Address _____

City/State/Zip _____

Day Phone _____

E-mail _____

REGISTRATION (provide a separate form for each registrant):

AEG Members: \$315 Non-Members: \$390 Exhibitor: \$1,000

Includes:

- Technical Sessions on Wednesday, Thursday and Friday, June 3, 4 and 5, 2009
- Lunch on Thursday
- Ice Breaker on Wednesday evening
- Exhibitor fee includes one registration, one draped table, one chair, and electricity

Registration submission:

- Payment must be included at time of registration
- Make a copy of your registration form for yourself
- Make checks payable to "AEG" and send to AEG, PO Box 460518, Denver, CO 80246
- Or, fax the completed form for credit card information to 303-757-2969
- Questions: call Julie Keaton at 951-780-5717

Credit Card Options:

MC Visa Discover American Express

Account No. _____

Expiration Date _____

Signature _____

Name on Card _____

Hotel Accommodations:

- Hotel accommodations are separate from the conference and must be made individually by the registrant
- Fogelman Conference Center, University of Memphis, Memphis, TN, 330 Innovation Drive, Memphis, TN
- Room Rate: \$85.00 a night – let the reservations department know that you are participating in the "Shlemon Specialty Conference"
- To make reservations, call 901-678-5410. Be sure to make your reservations **no later than May 8, 2009**
- Airport transportation is provided from 7:00am to 10:00pm with a 24-hour advance notice. Call 901-678-8200

Cancellation Policy:

- For Participants who cancel, all requests for refunds must be made in writing. Refunds will be issued 4-6 weeks after the close of the conference.
- A \$40 cancellation fee will be charged against any refund. No refunds will be given for any cancellations after May 20, 2009.
- If the conference cancels the event, a full refund for the event will be given.