



Geophysical Society of Pittsburgh



*Proudly Presents Tuesday, February 7th, 2017
At*

Cefalo's Restaurant, Carnegie, PA

**Advanced Reflection Seismic Analysis:
Pre-stack and post-stack seismic attribute, AVO, and inversion
(Model, Colored, Sparse Spike, and Neural Network) methods,
application to exploration and reservoir monitoring, application
to exploration and enhanced oil recovery.**

Bill Harbert

University of Pittsburgh

Abstract: In this presentation pre-stack and post-stack inversions methods, including time-lapse Bayesian inversion approaches for EOR monitoring are presented. The importance of well log control and knowledge of petrophysical parameters will be shown to successful application of these methods, with pre-stack based analysis generally resulting in higher quality inversion results.



Biography: Bill Harbert is a geophysicist at the University of Pittsburgh. He completed his undergraduate education at Western Washington University and graduate degrees in Geophysics at Stanford University.

*Please RSVP using the PayPal link on the Geophysical Society of Pittsburgh website at: www.thegsp.org
Cost: \$35 Members, \$40 Non-members (\$20 for Students). Meeting Location: 428 Washington Ave, Carnegie, PA 15106
(412) 276-6600. Note the significant detour warning on page 2 of the newsletter.*

February 7th, 2017 Agenda:

5:00 pm Social Hour (Beer and Wine)

6:00 pm Dinner Buffet

7:00 pm Lecture sponsored by:



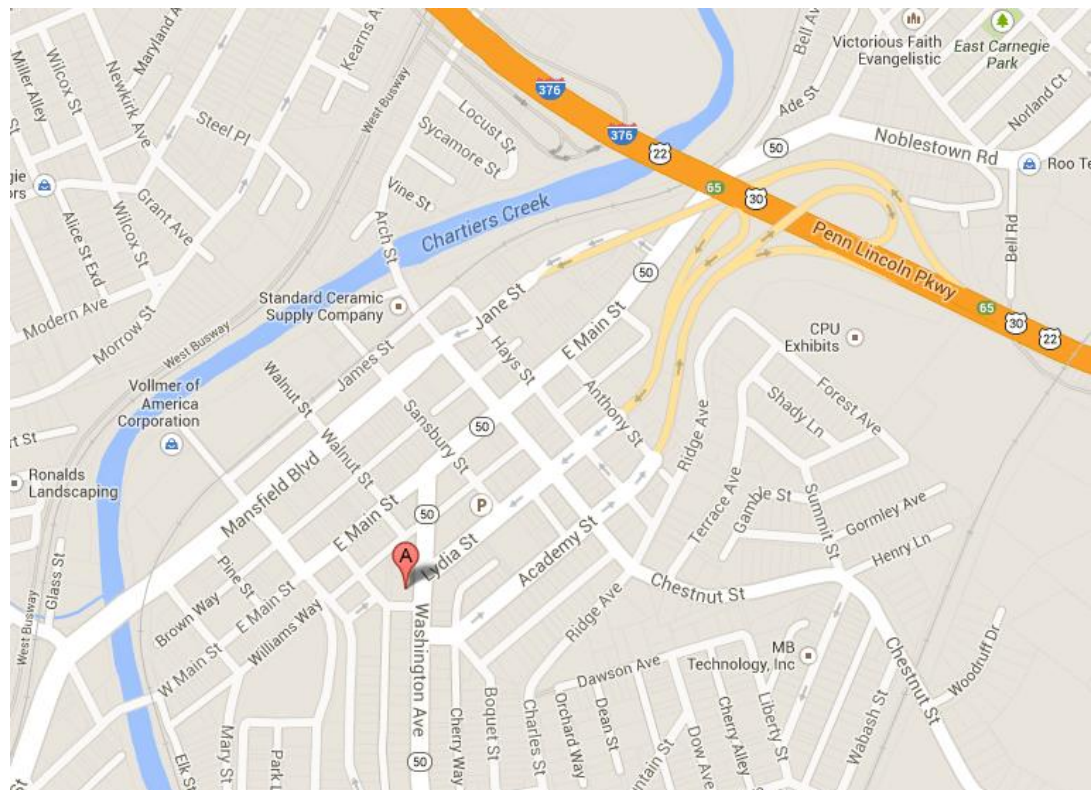
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To receive CEU certificate from this lecture please email: emily.mcclain@netl.doe.gov

This months lecture will be held at :

[Cefalo's](#)

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428 Washington Ave.
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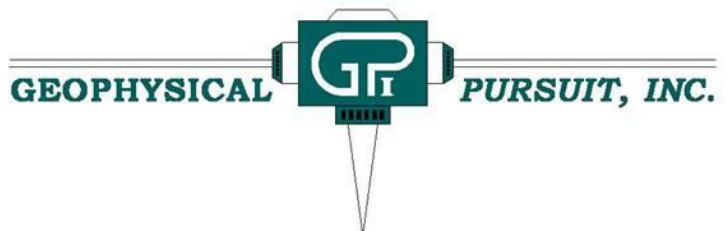
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