

# SPG Mumbai Chapter Organises Lecture by 2013 SEG Distinguished Lecturer Prof Gerard T. Schuster on 13th May-2013

Prof Gerald T. Schuster of King Abdullah University of Science and Technology, Saudi Arabia visited India to deliver 2013 SEG distinguished Lecturer Presentation (DLP) on “*Seismic Interferometry and Beyond- Harvesting Signal from Coherent Noise*”. SPG-India planned to organise this program at three locations on 13<sup>th</sup>, 15<sup>th</sup> and 17<sup>th</sup> May, 2013 at Mumbai, Vadodara and Ahemdabad respectively.

Dr. Schuster helped pioneer seismic interferometry and its practical applications in applied geophysics through his active research. He also has extensive experience in developing innovative migration and inversion methods for both exploration and earthquake seismology. Prof. Schuster was awarded SEG's Virgil Kauffman gold medal in 2010 for his work in seismic interferometry. It was great opportunity for geoscientists from India to have interaction with Prof. Schuster.

More than eighty geoscientists from Mumbai and students from IIT Mumbai attended the lecture.

He introduced the concepts underlying seismic interferometry and its implementation and practical applications. He showed several examples to illustrate the practical benefits of interferometry. Significant widening of the illumination zone of VSP data by transforming multiples into primaries, increased subsalt illumination by utilizing multiples for imaging. He also illustrated how seismic interferometry can be used for passive seismic imaging and surface waves.

Shri G. C. Katiyar, President SPG Mumbai Chapter summed up the session and emphasized the need of utilizing this new concept of Seismic interferometry to solve exploration challenges. Shri Pankaj Vyas, ONGC enthralled the audience by his patriotic songs.



Dr. S. Viswanathan welcoming Prof. Schuster with a Bouquet



Shri G.C.Katiyar presenting a memento to Prof Schuster