



Wellbore Positioning Technical Section

<http://connect.spe.org/wellborepositioning/home>



The SPE Wellbore Positioning Technical Section (SPE WPTS), also known as the Industry Steering Committee on Wellbore Survey Accuracy (ISCWSA) **44rd General Meeting** will be held on Thursday **22nd of September 2016** in Glasgow, Scotland. The meeting venue is the Grosvenor Hilton Hotel located in Glasgow, Scotland. The hotel is located at 1-9 Grosvenor Terrace, Glasgow, G12 0TA, United Kingdom | Hotel Phone: +44-141-339-8811. Please check the ISCWSA website www.iscwsa.net for additional information.

Note: Sub-committee meetings will be held Tuesday and Wednesday in the Kelvin Suite of the Grosvenor Hilton Hotel. A networking event will be held Wednesday evening from 5:30pm to 6:30pm at the Oran Mor which is adjacent to the Hilton meeting venue.

[The ISCWSA "Introduction to Wellbore Positioning" eBook can be downloaded at www.uhi.ac.uk/en/research-enterprise/wellbore-positioning-download](http://www.uhi.ac.uk/en/research-enterprise/wellbore-positioning-download)

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Social Activity			From	To	
Wednesday Night, September 21st - Networking Social sponsored by Magnetic Variation Services LLC Location: Oran Mor (Top of Byres Road, across from the Grosvenor Hilton) Glasgow, G128QX, Scotland, UK			https://www.magvar.com/	17:30	18:30
Activity	Presenter(s)	Title	From	To	
Introduction	Son Pham (ConocoPhillips) - Chair	Welcome, Introduction, and announcement of SPE WPTS (ISCWSA) Officer Nominations	8:30	8:35	
Program Agenda	Jonathan Lightfoot (Oxy) - Program Chair	Schedule and Program Review	8:35	8:40	
Keynote Presentation	Len Duncan (MagVar)	Wellbore Positioning - Past, Present and Future; What's Next?	8:40	9:10	
Technical Presentation	Ciaran D. Beggan, PhD (British Geological Survey)	Swarm Satellite Data to improve Global Geomagnetic Reference Modelling	9:10	9:45	
Sub-Committee Update	Steve Sawaryn	Sub-Committee Activity Report: Collision Avoidance	9:45	10:15	
Coffee Break			10:15	10:30	
Technical Presentation	Jon Bang (Gyrodada)	New Instrument Performance Models for Combined Wellbore Surveys Facilitate Optimal Use of Survey Information.	10:30	11:00	
Technical Presentation	Giorgio Pattarini, PhD (University of Stavanger)	Directional Drilling Measurement Errors Caused by Drilling Fluid Constituents. Mud contamination from iron contaminants primarily from casing and string wear modifies the Earth's magnetic field leading to MWD directional sensor error and increased uncertainty.	11:00	11:30	
Technical Presentation	Patrick Alken (NOAA/NCEI)	New Advances in Geomagnetic Field Modeling. Advanced Modeling of the ionospheric fields, as well as improved modeling of the magnetospheric current sources. Introduction to a new Global Compilation of lithospheric anomaly fields.	11:30	12:00	
Lunch - Sponsored by Scientific Drilling International			12:00	13:00	
		http://scientificdrilling.com/			
Guest Speaker	Giles Hammond, PhD (School of Physics and Astronomy - University of Glasgow)	Gravitational Physics: a tour of Precision Measurement, Astronomy and Industrial Applications	13:00	13:45	
Distinguished Member Award	Angus Jamieson (University of the Highlands and Islands)	Angus Jamieson presents the ISCWSA 2016 Distinguished Member Award to recognize Dave McRobbie for his significant contribution to the ISCWSA and SPE WPTS.	13:45	13:50	
Sub-Committee Update	Andy McGregor (Tech21)	Sub-committee activity Report: Error Model	13:50	14:00	
Election	Chad Hanak (Secretary) Son Pham (Chair)	Elections for Officers Director's at Large, Treasurer, Secretary, Webmaster Contact Chad Hanak or any other officer if you are interested in a running for a position.	14:00	14:20	
Sub-Committee Update	Pete Clark (Chevron)	Sub-Committee Activity Report: Operator Wellbore Survey Group (OWSG) & Update on API RP78	14:20	14:40	
Technical Presentation	Angus Jamieson (University of the Highlands and Islands)	A New Approach to MWD Calibration to Improve Accuracy and Reduce Calibration Time.	14:40	15:20	
Administration	Robert Wylie (Independent)	Treasurer's Report	15:20	15:30	
Coffee Break			15:30	15:45	
Sub-Committee Update	Carol Mann (Dynamic Graphics, Inc.)	Sub-committee Activity Report: Education	15:45	15:55	
Sub-Committee Update	Chad Hanak, PhD (Superior QC)	Sub-Committee Activity Report: Well Intercept	15:55	16:05	
Technical Presentation	Chad Hanak, PhD (Superior QC)	Increasing the ability to drill horizontal East/West wells using Single and Multi-Station Corrections. Using probability theory and smart algorithms to completely eliminate the common practice of restrictive exclusion zones while still ensuring safe practices.	16:05	16:35	
Administration	Phil Harbidge (Schlumberger)	Webmaster's Report	16:35	16:45	
Administration	Robert Wylie (Independent)	Treasurer's Report	16:45	16:50	
Administration	Son Pham (ConocoPhillips)	Closing Statement from the Chair	16:50	17:00	
Meeting Adjourn / Wrap-up			17:00	17:15	
Technical Poster Session	Livia Kathleen Kother (Denmark Technical University, Space Department & Teknova AS)	Nordic Geomagnetic Model for use in surveying of North Sea deviated wells for petroleum production using the Magnetic Monopole Method.	Poster on Display During Breaks		

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