

SUNDAY 3 SEPTEMBER 2017

Start	Finish		Start	Finish
9:00	18:00	Short Courses	9:00	18:00
18:00	20:00	Icebreaker Poolside at Esplanade Hotel Fremantle	18:00	20:00

MONDAY 4 SEPTEMBER 2017

Start	Finish	Pleiades Room			Start	Finish
9:00	9:10	Welcome			9:00	9:10
9:10	9:30	Conference Open Mark Woffenden			9:10	9:30
Start	Finish	Pleiades Room	Carnac Room	Start	Finish	
		<i>Chairperson: Jennifer McKinley</i>	Mining Software and Geomodelling Session			
9:30	10:20	Keynote Speaker 1 Paul Hodkiewicz Patterns, Perspective and Process in Geoscience Proudly Sponsored by CSIRO	9:50 - 10:30 Innovation in Geological Modelling and Automatic Updating of Mineral Resource Estimates Illustrated by a Case Study Olivier Bertoli Geovariances	9:30	10:20	
10:20	10:50	Morning Tea - Sirius Room <i>Chairperson: Oktay Erten</i>		10:20	10:50	
10:50	11:40	Student Awards Competition	10:30 - 11:10 Jonathan Graham Datamine	10:50	11:40	
11:40	11:50	Short Break	11:10 - 11:50 ioGAS – Accessible Exploration Data Analysis for Everyone Dave Lawie Reflex	11:40	11:50	
		Pleiades Room	King Sound Room	Admiralty Room	Rottnest Room	
Concurrent Session 1						
11:50	12:50	Concurrent Session 1A Geostatistics - Other Geostatistical Methods <i>Chairperson: Oscar Rondon</i>	Concurrent Session 1B Fractal and Multi-Fractal Modelling, Singularity Analysis <i>Chairpersons: Alison Ord & Deyi Xu</i>	Concurrent Session 1C Numerical Modelling and Numerical Simulation <i>Chairpersons: Cedric Griffiths & Chris Dyt</i>	Mining Software and Geomodelling Session	11:50 12:50
11:50	12:10	93: Simulation of Coherent Multiscale Facies Realizations Using a Multiple Point Statistics Algorithm Gaetan Bardy	210: What Do We Do with all these Data? Ore Exploration Using Modern Technology. Alison Ord	104: A Review of Verification Approaches Applicable to Stratigraphic Forward Modelling Cedric Griffiths	11:50 - 12:30 Keeping it real: Practical, real world geomodelling and design, with an emphasis on variography and drillhole planning David Bartlett Micromine	11:50 12:10
12:10	12:30	74: Geostatistical Mapping of Groundwater Levels Bhabesh Chandra Sarkar	211: Nonlinear Episodic and Chaotic Behaviour of Orogenic Gold Systems Bruce Hobbs	17: Numerical Model of Two-phase Flow in Dissolvable Porous Media and Simulation of Reservoir Acidizing Eduard Khranchenkov		12:10 12:30
12:30	12:50		228: Fractal Density Theory and Singularity Analysis Methods for Characterization and Prediction of Extreme Earth Systems Events Deyi Xu	41: Prediction Models of Organic Pores in Shale Qiulin Guo, Na Wu, Zhuoheng Chen	12:30 - 13:10 Industry Leading Software for Integrated Interpretation, Targeting and Geotechnical Hazard Assessment Tim Chalke Mira Geoscience	12:30 12:50
12:50	14:20	Lunch Break - Sirius Room			12:50	14:20
		Pleiades Room	King Sound Room	Admiralty Room	Rottnest Room	
Concurrent Session 2						
14:20	15:40	Concurrent Session 2A Numerical Modelling and Numerical Simulation <i>Chairpersons: Vladimir Puzryev & Thomas Poulet</i>	Concurrent Session 2B Fractal and Multi-Fractal Modelling, Singularity Analysis <i>Chairpersons: Alison Ord & Deyi Xu</i>	Concurrent Session 2C Numerical Modelling and Numerical Simulation <i>Chairpersons: Cedric Griffiths & Chris Dyt</i>	Mining Software and Geomodelling Session	14:20 16:00
14:20	14:40	172: New Mathematical Methods for Mineral Resources Estimation Ayham Zaitouy	113: Singularity Mapping and Geochemical Indexes in Mineral Deposits Exploration Mario Goncalves	32: Rejection of T1 and Generation of Facies Probability From Production Data without Inverse Algorithms Kyungbook Lee, Hyunsuk Lee, Jonggeun Choe, Ilsik Jang, Wonsuk Lee, Teahun Lee	14:20 - 15:00 The use of local varying anisotropy in estimation of a folded copper-gold ore body Steve Sullivan Maptek	14:20 14:40
14:40	15:00	212: Improving the Accuracy of High-order Galerkin Methods for Wave Propagation Problems Vladimir Puzryev	235: Exploring Characteristics of Geochemical Elements and Their Relationships: A Multifractal Perspective Jian Wang	45: Trend of Oil and Gas Reserves Growth in China Na Wu, Qiulin Guo, Kun Liang, Lei Liu		14:40 15:00
15:00	15:20	76: Novel "high-order" Integral Equation Solver Mikhail Kruglyakov	90: Comparative Study on Various Singularity Index Mapping Methods and their Applications Wenlei Wang	42: A Class of Forecasting Model Under Oil Supply and Demand Balance Wei Yan, Qiulin Guo	15:00 - 15:40 A New Geomodeler V4 Release Des FitzGerald, Intrepid Geophysics	15:00 15:20
15:20	15:40	205: "lumpy": A User friendly and Powerful Tool to Test Environmental Tracer Measurements for their Fit to Various Age Distributions Axel Suckow		66: Characterization of Channel Reservoirs Using Enkf with a Linear Filter and Normal Score Transform Hyungsik Jung		15:20 15:40
15:40	16:10	Afternoon Tea - Sirius Room			16:00	16:30
		Pleiades Room	King Sound Room	Admiralty Room	Rottnest Room	
Concurrent Session 3						
16:30	17:30	Concurrent Session 3A Statistics (excluding geostatistics) - Other Statistical Methods (excluding geostatistics) <i>Chairpersons: Vladimir Puzryev & Thomas Poulet</i>	Concurrent Session 3B Fractal and Multi-Fractal Modelling, Singularity Analysis <i>Chairpersons: Alison Ord & Deyi Xu</i>	Concurrent Session 3C Energy & Hydrogeology <i>Chairpersons: Helmut Schaeben & Natalie Caciagli</i>	Mining Software and Geomodelling Session	16:30 18:10
16:10	16:30	38: Statistical Analysis of Fracture Surface Topography in Fracture Structural Analysis Xin Wang	142: Multifractal Analysis of Ionospheric Total Electron Content Data During Different Solar Activities Enamundram Chandrasekhar	161: Machine Learning For Integration of Geochemical and Logging Data in Support of Resource Estimation Natalie Caciagli, Tim Maunula	16:30 - 17:10 Machine Learning and Predictive Analysis for Mining Mandar Gujrathi, Mathworks	16:30 16:50
16:30	16:50	203: Characterising Fold Geometry Using Bayesian Inference for Implicit 3D Modelling Lachlan Grose	105: Wavelet-based Multifractal Analysis of Ionospheric Total Electron Content Data Shivam Bhardwaj	132: Automatic Lithological Classification Using Machine Learning Algorithms Patrick Ohm		16:50 17:10
16:50	17:10	56: Small Sample Analysis for Using Copulas in Petroleum Resource Assessment Qian Zhang, Mr Shiyun Mi		103: A Geological Big Data Processing System Based on Spark and Machine Learning Yongzhi Wang	17:10 - 17:50 Machine Learning and Predictive Analysis for Mining Vinesh Rajan Geofacets	17:10 17:30
17:10	17:30					17:10 17:30

TUESDAY 5 SEPTEMBER 2017

Start		Pleiades Room			Start	
Finish		Chairperson: Margaret Armstrong			Finish	
9:00	9:50	Keynote Speaker 2: Matheron Lecturer Professor Noel Cressie 249: A Conditional Approach To Multivariate Geostatistics			9:00	9:50
9:50	10:00	Short break			9:50	10:00
		Pleiades Room	King Sound Room	Admiralty Room		
Concurrent Session 4						
10:00	11:00	Concurrent Session 4A Geostatistics - Two Point Geostatistics	Concurrent Session 4B Numerical Modelling and Numerical Simulation	Concurrent Session 4C Machine Learning, Pattern Recognition, Data Mining, Big Data	10:00	11:00
		Chairperson: Noel Cressie	Chairpersons: Peter Schaub & Weronika Gorczyk	Chairpersons: Irina Emelyanova & Matthew Cracknell		
10:00	10:20	85: Modeling and Simulating Bivariate Gaussian Random Fields Olga Moreva	193: Predicting the Location of Unconformity-related Uranium Deposits Using Numerical Simulations on a Supercomputer Heather Sheldon	197: Learning Characteristic Natural Gamma Shale Marker Signatures in Iron Ore Deposits David Nathan	10:00	10:20
10:20	10:40	145: A Continuous Spectral Algorithm for Simulating Stationary and Non-stationary Vector Gaussian Random Fields Daisy Arroyo	204: Improved Methods for Simulation of Ore-forming Processes In 3D Peter Schaub	200: Ensemble Clustering for Zonation of Well Logs Irina Emelyanova	10:20	10:40
10:40	11:00	177: Modeling and Fitting Mineral Microstructures by Multinary Random Fields Raimon Tolosana-Delgado	84: Mapping The Parameter Space of Stick-slip Oscillations in Chemical Shear Zones Thomas Poulet	27: Automatic Analysis of Measure while Drilling Data to Facilitate Visualisation of Stratigraphy Katherine Silversides	10:40	11:00
11:00	11:30	Morning Tea and Poster Session - Sirius Room			11:00	11:30
		Pleiades Room	King Sound Room	Admiralty Room		
Concurrent Session 5						
11:30	12:50	Concurrent Session 5A Geostatistics - Misc	Concurrent Session 5B Numerical Modelling and Numerical Simulation	Concurrent Session 5C Machine Learning, Pattern Recognition, Data Mining, Big Data	11:30	12:50
		Chairperson: Ute Mueller	Chairpersons: Peter Schaub & Weronika Gorczyk	Chairpersons: Irina Emelyanova & Matthew Cracknell		
11:30	11:50	15: Uncertainty Assessment of Experimental Semivariogram and its Model Parameters: A Nonstationary Case Oktay Erten	39: Principal Tensor Analysis as a Tool for Paleoclimatic Reconstructions Sergey Kotov	202: Automating Well Log Interpretations Christopher Dyt	11:30	11:50
11:50	12:10	170: Geostatistical Analysis of Satellite Interferometric Synthetic Aperture Radar (InSAR), Lidar and Data for Geotechnical Asset Monitoring of Ground Instability Jennifer Mckinley	175: A New Mathematical Approach Applying the Virial Theorem to Planetary Atmospheres: Water Vapour as a Prime Mover in Climate Change Ivan Kennedy, Migdat Hodzic	213: Unsupervised Learning Algorithms for Effective Core Sampling Strategy Oliver Gaede	11:50	12:10
12:10	12:30	130: Modeling The Space-time Variations of Lead in Drinking Water by Multivariate Indicator Geostatistics Pierre Goovaerts (Chief scientist)	43: The Formation Mechanisms Of The Alteration Halos at the Tungsten Deposits, South China Xiangchong Liu, Huilin Xing, Dehui Zhang	19: A Spectral Clustering Method for Multivariate Geostatistical Data Francky Fouedjio	12:10	12:30
12:30	12:50	186: Study Of Weathering Legacies in Building Stone: A Geostatistical Approach Brian Johnston, Jennifer Mckinley, Patricia Warke	152: Numerical Modelling of Fluid Flow and Heat Transfer in the Gejiu Tin-copper Polymetallic Hydrothermal Mineralization System, Yunnan, China: Implications for Exploration of Deep Buried Ore Deposits Fan Xiao	63: Spatially Constrained Clustering of Geometallurgical Variables Exequiel Sepulveda	12:30	12:50
12:50	14:20	Lunch Break and Poster Session - Sirius Room			12:50	14:20
		Chairperson: Julian Ortiz				
14:20	15:20	Vistelius Award - Pleiades Room 239: Multiple Point Statistics for Reservoir and Porous Media Modeling Pejman Tahmasebi			14:20	15:20
15:20	16:10	Poster Session - Sirius Room			15:20	16:10
16:10	16:40	Afternoon Tea - Sirius Room			16:10	16:40

WEDNESDAY 6 SEPTEMBER 2017

Start	Finish	Pleiades Room			Start	Finish	
		<i>Chairperson: Raimon Tolosana-Delgado</i>					
9:00	9:50	Keynote Speaker 3 Vera Pawlowsky Glahn 127: The one hour course on compositional data analysis — from 1997 to 2017. Proudly Sponsored by BHP			9:00	9:50	
9:50	10:00	Short break				9:50	10:00
		Pleiades Room	King Sound Room	Admiralty Room			
Concurrent Session 7							
10:00	11:00	Concurrent Session 7A Optimisation and Operations Research	Concurrent Session 7B Geoinformatics	Concurrent Session 7C Image Analysis	10:00	11:00	
		<i>Chairpersons: Karel Hron & Eric Grunsky</i>	<i>Chairpersons: Mark Jessell & Eun-Jung Holden</i>	<i>Chairpersons: Julian Ortiz & Katherine Silversides</i>			
10:00	10:20	138: Methods for Process Recognition and Process Validation in Multi-element Geochemical Datasets Eric Grunsky	18: The Topology of Geology Mark Jessell	148: Sampling Scheme Optimization Based on Hyperspectral Data Ting Zhao	10:00	10:20	
10:20	10:40	96: A Perspective on Composition Simon Gatehouse	114: A Database for Large Geomodels Featuring a Tiling Approach Applied to Arbitrary Geometry Primitives Georg Semmler	65: Remote Sensing – How Fast is Fast Enough? Miles Sowden	10:20	10:40	
10:40	11:00	141: Principal Component Analysis of Low-density Geochemical Data from the Southern Thomson Orogen Philip Main	79: A Database Scheme for Multiple Spatially Referenced Ebsd Data Björn Wiecek	149: Multisensory System, Which Includes Hyperspectral Measurement, for Automated Geological Mapping Sebastian Varga	10:40	11:00	
11:00	11:30	Morning Tea and Poster Session - Sirius Room				11:00	11:30
		Pleiades Room	King Sound Room	Admiralty Room			
Concurrent Session 8							
11:30	12:50	Concurrent Session 8A Optimisation and Operations Research	Concurrent Session 8B Geoinformatics	Concurrent Session 8C Machine Learning, Pattern Recognition, Data Mining, Big Data	11:30	12:50	
		<i>Chairpersons: Karel Hron & Eric Grunsky</i>	<i>Chairpersons: Mark Jessell & Eun-Jung Holden</i>	<i>Chairpersons: Julian Ortiz & Katherine Silversides</i>			
11:30	11:50	162: Mathematical Issues on Hydrochemistry Mapping with an Application to the Concentration of 11 Ions in Varanasi, Uttar Pradesh, India Juan Jose Egozcue	165: Vector Parameters-based Uncertainty Visualization Analysis Of 3D Geological Subsurface Weisheng Hou	49: Optimization of Well Placement by PSO Assisted by Quality Map and Gompertz Model Shuaiwei Ding	11:30	11:50	
11:50	12:10	129: Classical and Robust Regression Between Parts of Compositional Data Using Symmetric Balances Karel Hron	214: Geo3dmd: A 3D Geological Model Metadata Architecture Honggang Qu, Zhenwen He, Xinchuan Li, Xianghong Wang	121: Multi-fidelity Meta-modeling Based on Co-kriging for Uncertainty Quantification and History-matching Veronique Gervais	11:50	12:10	
12:10	12:30	139: Analysis of Coal Combustion Products Using Compositional Data Techniques Josep-Antoni Martin-Fernandez	206: On the System Architecture of Geological Big Data in China Geological Survey Yongjie Tan	136: Forecasting Shale Gas Production Using a Spatiotemporal Hierarchical Bayesian Model Justin Montgomery	12:10	12:30	
12:30	12:50	92: Determination of End-members Using Log-ratio Transformed Geochemical Data from Hybrid Samples Jie Zhao	10: The Calculation of the "Z" Coordinate in the Water Basin Naji Kehdy	54: A New Algorithm for Facies Modeling Based on Neural Network and Krigging Theories Suihong Song	12:30	12:50	
12:50	14:20	Lunch Break and Poster Session - Sirius Room				12:50	14:20
		<i>Chairperson: Eric Grunsky</i>					
14:20	15:20	Chayes Award - Pleiades Room Cliff Stanley				14:20	15:20
15:20	16:10	Poster Session - Sirius Room				15:20	16:10
16:10	16:40	Afternoon Tea - Sirius Room				16:10	16:40
		Pleiades Room	King Sound Room	Admiralty Room			
Concurrent Session 9							
16:40	17:40	Concurrent Session 9A Statistics (excluding geostatistics) Multivariate Statistics	Concurrent Session 9B Geoinformatics	Concurrent Session 9C Machine Learning, Pattern Recognition, Data Mining, Big Data	16:40	18:00	
		<i>Chairpersons: Juan Jose Egozcue</i>	<i>Chairpersons: Mark Jessell & Eun-Jung Holden</i>	<i>Chairpersons: Julian Ortiz & Katherine Silversides</i>			
16:40	17:00	147: Potential Modeling with Uncertain Covariables Helmut Schaab, Raimon Tolosana Delgado, K. Gerald Van Den Boogaart	221: Using High-resolution DEM and SWAT Model for Surface Water Resource Management in Ajay River Basin, India Sujay Bandyopadhyay	112: Logistic Regression Model Selection Strategy for Prospectivity Modeling with Large Datasets Samuel Kost	16:40	17:00	
17:00	17:20	69: Multivariate Statistical Analyses of LA-IPC-MS Trace Element Data for Iron-oxides Marija Dmitrijeva, Cristiana Ciobanu, Andrew Metcalfe, Nigel Cook, Max Verdugo-Iñ, William Keyse, Kathy Ehrig	144: Colour Maps for the Colour Blind Peter Kovesi	61: Automatic Detection of Sub-domain Using T-SNE for Improved Mine Modelling Mehala Balamurali, Arman Melkumyan	17:00	17:20	
17:20	17:40	133: Bayesian Analysis of Spatial Beta Generalized Linear Mixed Models Prof Mohsen Mohammadzadeh, Lida Kalhori	183: Integrated Exploration Platform: Computer-assisted Approach to Multi-data Interpretation for Mineral Exploration. Eun-Jung Holden	154: Classification Trees as an Aid for Domaining in Mineral Resource Estimation Dr Gunes Ertunc, Prof A. Erhan Tercan	17:20	17:40	
19:00	23:00	Conference Dinner				19:00	23:00

THURSDAY 7 SEPTEMBER 2017

Start	Finish	Carnac Room				Start	Finish	
8:40	9:00	8:40 - 9:20 Keeping it real: Practical, real world geomodelling and design, with an emphasis on variography and drillhole planning David Bartlett Micromine				8:40	9:00	
9:00	9:20					9:00	9:20	
		Pleiades Room	King Sound Room	Admiralty Room	Carnac Room			
Concurrent Session 10								
9:20	11:00	Concurrent Session 10A Geostatistics - Misc <i>Chairpersons: Raimon Tolosana-Delgado & Francky Fouedjio</i>	Concurrent Session 10B Structural and textural analysis <i>Chairpersons: Helmut Schaeben & Natalie Caciagli</i>	Concurrent Session 10C Mining Applications <i>Chairpersons: Joerg Benndorf & Oktay Erten</i>	Mining Software and Geomodelling Session 9:20 - 10:00 Innovation in Geological Modelling and Automatic Updating of Mineral Resource Estimates Illustrated by a Case Study Olivier Bertoli Geovariances 10:00 - 10:40 2.5D AEM Inversion and the Integration with Structural Geology Des FitzGerald Intrepid Geophysics	9:20	11:00	
9:20	9:40	225: Block Predictions of Compositional Data with High Order Geostatistics Raimon Tolosana-Delgado	178: Petrographical Microscopy Reloaded with Object Based Image Analysis Robert Marschallinger	35: On The Notion of Conditional Variance of Recoverable Ore Grade Oscar Rondon		9:20	9:40	
9:40	10:00	188: Deep Kriging of Geometallurgical Variables Alfredo López	229: Semi-automated Texture Classification for Geometallurgical Applications Julian Ortiz	150: Change-point Analysis of MWD Data to Detect the Broken Ground Thickness in Open Pit Mining Veena Sajith Vezhapparambu		9:40	10:00	
10:00	10:20	243: Some Geostatistical Methods through the Stochastic Partial Differential Equation (SPDE) Approach Didier Renard	99: Image Texture Quantification from Corescan Mineral Classifications Matthew Cracknell	242: Stochastic Optimization Taking Account of Seismicity Induced by Block Caving Applied to Underground Copper Mining in Chile Margaret Armstrong, Erick De La Barra, Alejandro Jofre		10:00	10:20	
10:20	10:40	28: 3D Geological Modeling for Subsurface Targeting in Zaozigou Au Deposit of West Qinling Belt, China Gongwen Wang, Zhengle Chen	109: Extraction of Fission Tracks from Photomicrographs Using Thresholding and Skeletonization Alexandre Fioravante De Siqueira	156: Optimising the Mining of Lateritic Metal Ore Deposits Using Pilot Points: Finding the Trade-off Between Dilution and Ore Loss Yasin Dagasani, Philippe Renard, Julien Alexis Straubhaar, Oktay Erten, Erkan Topal		10:20	10:40	
10:40	11:00		128: Representing Topology and Geometry Of 3D Ore Microstructures with Gmaps Peter Menzel	238: Risk-based Mine Planning Optimisation Using Topcone Algorithm and Stochastic Integer Programming Ngoc Luan Mai, Erkan Topal, Oktay Erten		11:00		
11:00	11:30	Morning Tea - Sirius Room				11:00	11:30	
		Pleiades Room	King Sound Room	Admiralty Room	Rottneest Room			
Concurrent Session 11								
11:30	12:50	Concurrent Session 11A Geostatistics - Mining Geostatistics <i>Chairpersons: Raimon Tolosana-Delgado & Francky Fouedjio</i>	Concurrent Session 11B Structural and textural analysis <i>Chairperson: Helmut Schaeben</i>	Concurrent Session 11C Optimisation and Operations Research <i>Chairpersons: Joerg Benndorf & Oktay Erten</i>	Mining Software and Geomodelling Session 11:30 - 1210 Machine Learning and Predictive Analysis for Mining Mandar Gujrathi Mathworks 12:10 - 12:50 The use of local varying anisotropy in estimation of a folded copper-gold ore body Mike Husbands Maptek	11:30	12:50	
11:30	11:50	118: De-clustering Weights and MIK Variography Danny Kentwell	182: Models and Methods for Contact Analysis Ute Mueller, Raimon Tolosana Delgado, Hassan Talebi, K. Gerald Van Den Boogaart	167: Real-time Updating of the Geomet Model Based on Ball Mill Performance Measurements Tom Wambeke, Joerg Benndorf, Richard Peattie, Damon Elder		11:30	11:50	
11:50	12:10	224: Direct Mineral Resource Classification Using Conditional Simulation Alejandro Cáceres	108: Inverting Magnetic Observations for Dyke Swarm 3D Modelling Desmond Fitzgerald	160: Real-time Mining – Turning Operational Data into Mining Intelligence Joerg Benndorf, Mike Buxton		11:50	12:10	
12:10	12:30	179: Spatial Characteristics of Cu-Au and Associated Metals in Relation with the Geology of Porphyritic Deposit, North Sulawesi, Indonesia Mohamad Nur Heriawan	100: Transdimensional Inversion of Surface Wave Ellipticity Laurence Davies	192: Application of Resource and Grade Control Model Updating by Univariate and Compositional Sequential Ensemble Filtering Angel Prior		12:10	12:30	
12:30	12:50	98: Predicting Short Term Uncertainty for Coal Quality Parameters Mr Ranjan Saha (Resource Geologist), Mr David Barry	111: Comparing The Efficiency of Ore-waste Classification by Linear And Non-linear Kriging Amin Hekmatnejad	163: Geostatistical Simulation of Compositional Data in the Presence of Several Geological Domains Hassan Talebi, Raimon Tolosana-Delgado, Johnny Lo, Ute Mueller		12:30	12:50	
12:50	14:20	Lunch Break - Sirius Room				12:50	14:20	
		Pleiades Room			Rottneest Room			
Concurrent Session 12								
14:20	15:40	Chairperson: Jennifer McKinley				Mining Software and Geomodelling Session	14:20	15:40
14:20	15:20	IAMG Distinguished Lecturer Clayton Deutsch 248: All Realizations All the Time				14:20 - 15:00 Industry Leading Software for Integrated Interpretation, Targeting and Geotechnical Hazard Assessment Tim Chalke Mira Geosciences	14:20	15:20
15:20	15:30	Conference Closing					15:20	15:30
Carnac Room								
15:00	15:20	15:00 - 15:40 Jonathan Graham Datamine				15:00	15:20	
15:20	15:40					15:20	15:40	
15:40	16:10	Afternoon Tea - Sirius Room				15:40	16:10	
Carnac Room								
16:10	16:50	16:10 - 16:50 Geofacets from Elsevier Vinesh Rajan Geofacets				16:10	16:50	