

# Quantitative Reservoir Characterisation

Blended Learning

Interactive

Quiz 0: Course Right for You?

Seismic Amplitude, An Interpreter's Handbook by R.Simm & M. Bacon, ISBN 978-1-107-01150-2

Breakaway

Part							
1	<b>Zoom</b> Introduction Biography	<b>Lecture</b> 52 Things Geophysical Methods Moodle	<b>Video</b> Gravity Magnetics	<b>Break</b>	<b>Lecture</b> Intro Grav-Mag-EM Seismic Acq & Proc Seismic Workflow	<b>Exercise</b> Ex_Resolution I	
	<b>Study</b> Seismic for QI I	<b>Video</b> EM	<b>Exercise</b> Ex_Resolution II	<b>Study</b> Rock Physics	<b>Video</b> Effective Media	<b>Exercise</b> Ex_Effective Media	
	<b>Study</b> Seismic for QI II Resolution (PSF)	<b>Video</b> EAGE Rock Physics	<b>Exercise</b> Ex_Tuning Wedge I	<b>Study</b> Tuning (S&B)	<b>Video</b> Tuning	<b>Exercise</b> Ex_Tuning Wedge II	<b>Quiz</b> Quiz 1
							<b>Q&amp;A</b>
2	<b>Study</b> Structural Interpr Stratigraphic Interpr	<b>Video</b> AVO	<b>Exercise</b> Ex_AVO Template	<b>Study</b> AVA	<b>Video</b> EAGE AVO	<b>Exercise</b> Ex_Tuning AVA	
	<b>Study</b> Anisotropy	<b>Video</b> Anisotropy	<b>Exercise</b> Ex_AVA	<b>Study</b> Elastic Impedance (EI) Extended EI	<b>Video</b> EAGE Pseudo EI	<b>Exercise</b> Ex_V-NMO-Azi	<b>Quiz</b> Quiz 2
							<b>Q&amp;A</b>
3	<b>Study</b> Inhomo & Aniso	<b>Video</b> EAGE Anisotropy	<b>Exercise</b> Ex_AVA VTI HTI	<b>Study</b> FT & HT	<b>Video</b> FT	<b>Exercise</b> Ex_AVA HTI Ortho	
	<b>Study</b> Lamda-Mu-Rho AVAZ	<b>Video</b> EAGE Wave Eq AVO	<b>Exercise</b> Ex_AVA Azi	<b>Study</b> Roden et al. Gassmann	<b>Video</b> EAGE Gassmann	<b>Exercise</b> Ex_Gassmann	
	<b>Video</b> AVA Pseudo	<b>Exercise</b> Ex_AVA Pseudo	<b>Exercise</b> Ex_AVA Rss	<b>Study</b> Inversion	<b>Video</b> EAGE Near-surface	<b>Exercise</b> Ex_AVA Rps	<b>Quiz</b> Quiz 3
						<b>Q&amp;A</b>	
4	<b>Study</b> FWI DHI	<b>Video</b> DHI Classification	<b>Exercise</b> Ex_Dimming	<b>Study</b> ML Tutorial	<b>Video</b> Inv vs ML I	<b>Exercise</b> Ex_AVA ΔRpp	
	<b>Study</b> Supervised Unsupervised Semi-Supervised	<b>Video</b> Inv vs ML II	<b>Study</b> Weka	<b>Exercise</b> Ex_Classification	<b>Video</b> Clustering	<b>Exercise</b> Ex_Clustering	<b>Quiz</b> Quiz 4
							<b>Q&amp;A</b>
5	<b>Study</b> Data Mining	<b>Video</b> Fractures	<b>Exercise</b> Ex_AVA ΔRss	<b>Study</b> VOI	<b>Video</b> VOI	<b>Exercise</b> Ex_VOI	
	<b>Study</b> PP+PS=SS	<b>Video</b> Regression	<b>Exercise</b> Ex_Regression	<b>Study</b> AVAZ Fractures	<b>Video</b> FWI I FWI II	<b>Quiz</b> Quiz 5	<b>Q&amp;A</b>