

Editorships

1. **Glover, P.W.J.**, Surveys in Geophysics, Kluwer, member of the editorial board, 2001 – 2005.

Refereed Publications (70 items)

2. **Glover, P.W.J.**, F.J. Vine, R.G. Ross, & G. Turner, The measurement of electrical resistivity of rocks under simulated crustal conditions, In High Pressure Geosciences and Materials Synthesis, Ed. H. Vollstädt, Akademie Verlag, Berlin, 46 49, 1988.
3. **Glover, P.W.J.**, Ross, R.G. & Jolly, H., The measurement of saturated rock electrical conductivity at lower crustal temperatures and high pressures, High Press. Res., 5, 705 707, 1990.
4. **Glover, P.W.J.**, Vine, F.J. & Ross, R.G., Measurements of saturated basic and acidic rock electrical conductivities at lower crustal temperatures and high pressures, High Press. Res., 5, 735 737, 1990.
5. **Glover, P.W.J.**, & Ross, R.G., A method of measuring the electric conductivity of saturated rocks in a high pressure cell subjected to high temperatures, High Temp. High Press., 22, 533 539, 1990.
6. **Glover, P.W.J.** & Vine, F.J., Electrical conductivity of carbon bearing granulite at raised temperatures and pressures, Nature, 360, 723 726, 1992. [\[pdf\]](#)
7. **Glover, P.W.J.** & Vine, F.J., Electrical conductivity of the continental crust, Geophys.Res.Lett., 21(22), 2357 2360, 1994.
8. **Glover, P.W.J.**, Meredith, P.G., Sammonds, P.R. & Murrell, S.A.F., Ionic surface electrical conductivity in sandstone, J.Geophys.Res., 99(B11), 21635 21650, 1994.
9. **Glover, P.W.J.**, P.G. Meredith, P.R. Sammonds, & S.A.F. Murrell, Measurements of complex electrical conductivity and fluid permeability in porous rocks at raised confining pressures, In Rock Mechanics in Petroleum Engineering, Proceedings of EUROCK '94, SPE/ISRM International Conference, Delft, The Netherlands, Balkema, Amsterdam, 29 36, 1994.
10. **Glover, P.W.J.** & Vine, F.J., Beyond KTB Electrical conductivity of the deep continental crust, Surveys in Geophysics, 16, 5 36, 1995. [\[pdf\]](#)
11. **Glover, P.W.J.**, Baud, P., Darot, M. Meredith, P.G., LeRavalec, M., Zoussi, S., & Reuschlé, T., Alpha/beta phase transition in quartz monitored using acoustic emissions, Geophys.J.Int., 120, 775 782, 1995. [\[pdf\]](#)
12. **Glover, P.W.J.**, Minerals on Stamps (Short Paper), Geology Today, 12(6), 223-229, 1996. [\[pdf\]](#)
13. **Glover, P.W.J.**, Gomez, J.B., Meredith, P.G., Boon, S.A., Sammonds, P.R., & Murrell, S.A.F., Modelling the Stress/Strain Behaviour of Saturated Rocks Undergoing Triaxial Deformation using Complex Electrical Conductivity Measurements, In Integrated Experimental Measurements and Theoretical Modelling of Rock Transport Properties, ed. Glover, P.W.J., Surveys in Geophysics Spec. Vol., 17, 307-330, 1996. [\[pdf\]](#)
14. **Glover, P.W.J.**, (Editor), Integrated Experimental Measurements and Theoretical Modelling of Rock Transport Properties, Surv. in Geophys., Spec. Vol., 17(3), Kluwer, Amsterdam, 1996.
15. **Glover, P.W.J.**, Graphite and electrical conductivity in the lower continental crust: A review, Phys.Chem.Earth, 21(4), 279-287, 1996. [\[pdf\]](#)
16. **Glover, P.W.J.** & K. Hayashi, Modelling fluid flow in rough fractures: Application to the Hachimantai geothermal HDR test site, Phys.Chem.Earth, 22(1-2), 5-11, 1997. [\[pdf\]](#)
17. **Glover, P.W.J.**, J.B. Gomez, P.G. Meredith, K. Hayashi, P.R. Sammonds & S.A.F. Murrell, Damage of saturated rocks undergoing triaxial deformation using complex electrical conductivity measurements: Experimental results, Phys.Chem.Earth, 22(1-2), 57-61, 1997. [\[pdf\]](#)

18. Gomez, J.B., **P.W.J. Glover** & P.G. Meredith, Damage of saturated rocks undergoing triaxial deformation using complex electrical conductivity measurements: Mechanical modelling, *Phys.Chem.Earth*, 22(1-2), 63-68, 1997. [\[pdf\]](#)
19. **Glover, P.W.J.**, K. Matsuki, R. Hikima & K. Hayashi, Fluid flow in fractally rough synthetic fractures, *Geophys.Res.Lett.*, 24(14), 1803-1806, 1997.
20. Revil, A. & **Glover, P.W.J.**, Theory of ionic surface electrical conduction in porous media, *Phys.Rev.B*, 55(3), 1757-1773, 1997. [\[pdf\]](#)
21. Revil, A. & **Glover, P.W.J.**, Nature of surface electrical conductivity in natural sands, sandstones, and clays, *Geophys.Res.Lett.*, 25(5), 691-694, 1998.
22. **Glover, P.W.J.**, K. Matsuki, R. Hikima & K. Hayashi, Synthetic rough fractures in rocks, *J.Geophys.Res.*, 103(B5), 9609-9620, 1998.
23. **Glover, P.W.J.**, K. Matsuki, R. Hikima & K. Hayashi, Fluid flow in synthetic rough fractures and application to the Hachimantai geothermal HDR test site, *J.Geophys.Res.*, 103(B5), 9621-9635, 1998. [\[pdf\]](#)
24. Revil, A., P. Pezard & **P.W.J. Glover**, Streaming potential in porous media. I. Theory of the zeta-potential, *J. Geophys. Res.*, 104(B9), 20021-20031, 1999.
25. **Glover, P.W.J.**, K. Matsuki, R. Hikima & K. Hayashi, Characterizing rock fractures using synthetic fractal analogues, *Geothermal Sci. & Tech.*, 6, 83-112, 1999.
26. Al Qassab, H.M., Fitzmaurice, J., Al-Ali, Z.A., Al-Khalifa, M.A., Aktas, G.A. & **Glover, P.W.J.**, Cross-discipline integration in reservoir modeling: The impact on fluid flow simulation and reservoir management, Society of Petroleum Engineers, SPE 62902, 1-12, 2000.[\[pdf\]](#)
27. Cuddy, S.J. & **Glover, P.W.J.**, The Application of Fuzzy Logic and Genetic Algorithms to Oil Exploration, In: *Developments in Soft Computing*, Physica Verlag, pp. 167-174, 2000.
28. Ogilvie, S.R., J.M. Orribo & **P.W.J. Glover**, Novel and Conventional techniques for analyzing the petrophysical properties of deformation bands, *Dialog*, 8(3), October 2000. [\[pdf\]](#)
29. **Glover, P.W.J.**, Gómez, J.B. & Meredith, P.G., Fracturing in saturated rocks undergoing triaxial deformation using complex electrical conductivity measurements: Experimental study, *Earth Planet. Sci. Lett.*, 183(1-2), 201-213, 2000. [\[pdf\]](#)
30. **Glover, P.W.J.**, Pous, J., Queralt, P., Muñoz, J.-A., Liesa, M. & Hole, M.J., Integrated two dimensional lithospheric conductivity modelling in the Pyrenees using field-scale and laboratory measurements, *Earth Planet. Sci. Lett.*, 178(1-2), 59-72, 2000. [\[pdf\]](#)
31. **Glover, P.W.J.**, Hole, M.J. & Pous, J., A modified Archie's Law for two conducting phases, *Earth Planet. Sci. Lett.*, 180(3-4), 369-383, 2000. [\[pdf\]](#)
32. Al Qassab, H.M., Fitzmaurice, J., Al-Ali, Z.A., Al-Khalifa, M.A., Aktas, G.A. & **Glover, P.W.J.**, Cross-discipline integration in reservoir modeling: The impact on fluid flow simulation and reservoir management, *Journal of Petroleum Technology*, Nov 2000, 32-34, 2000.[\[pdf\]](#)
33. Ogilvie, S.R. & **Glover, P.W.J.**, High resolution petrophysical measurements of deformation bands in porous sandstones, *Phys. Chem. Earth., Part A*, 26(1-2), 27-32, 2001. [\[pdf\]](#)
34. Ogilvie, S.R., Isakov, E., **Glover, P.W.J.** & Taylor, C.W., A New High Resolution Optical Method for Obtaining the Topography of Fracture Surfaces in Rocks, *Proceedings of the 8th European Congress for Stereology and Image Analysis, Image Analysis and Stereology*, 20 (2) SUPPL. 1, Sept, 386-391, 2001.
35. Isakov, E., **Glover, P.W.J.** & Ogilvie, S.R., Use of Synthetic Fractures in the Analysis of Natural Fracture Apertures, *Proceedings of the 8th European Congress for Stereology and Image Analysis, Image Analysis and Stereology*, 20 (2) SUPPL. 1, Sept, 366-371, 2001.[\[pdf\]](#)
36. Isakov, E., Ogilvie, S.R., Taylor, C.W. & **Glover, P.W.J.**, Fluid flow through rough fractures in rocks I: High resolution aperture determinations, *Earth Planet. Sci. Lett.* 191 (3-4), 267-282, 2001. [\[pdf\]](#)

37. Ogilvie, S.R., Isakov, E., **Glover, P.W.J.** & Taylor, C.W., Use of Image Analysis and Finite Element Analysis to Characterise Fluid Flow in Rough Rock Fractures and their Synthetic Analogues. Proceedings of the 8th European Congress for Stereology and Image Analysis, Image Analysis and Stereology, 20 (2) SUPPL. 1, Sept, 504-509, 2001. [\[pdf\]](#)
38. Ogilvie, S.R. & **Glover, P.W.J.**, High Resolution Petrophysical measurements of Deformation Bands in Sandstones, Phys. Chem. Earth, Part A, 26 (1-2), 27-32, 2001. [\[pdf\]](#)
39. Ogilvie, S.R. Orribo, J.M. & **Glover, P.W.J.**, The influence of deformation bands upon fluid flow using profile permeametry and positron emission tomography. Geophys. Res. Lett. 28 (1), 61-64, 2001. [\[pdf\]](#)
40. Ogilvie, S.R. & **Glover, P.W.J.**, The petrophysical properties of deformation bands in relation to their microstructure, Earth Planet. Sci. Lett., 193 (1-2), 129-142, 2001. [\[pdf\]](#)
41. Al Qassab, H.M., Al-Khalifa, M.A., Aktas, G.A., Fitzmaurice, J., Al-Ali, Z.A. & **Glover, P.W.J.**, Cross-discipline integration in reservoir modeling: The impact on fluid flow simulation and reservoir management, SAJT, Summer 2001, 45-57, 2001. [\[pdf\]](#)
42. Cuddy S.J. & **Glover P.W.J.**, The Application of Fuzzy Logic and Genetic Algorithms to Reservoir Characterization and Modeling , in Soft Computing for Reservoir Characterization and Modeling Series: Studies in Fuzziness and Soft Computing, 80, Eds. P.M. Wong, F. Aminzadeh, M. Nikravesh, 219-242, ISBN 3-7908-1421-0, 2002. [\[pdf\]](#)
43. Ogilvie, S.R., Isakov, E. & **Glover, P.W.J.**, Advances in the Characterization of Rough Fractures in Reservoir Rocks, First Break (Technical article), 20(4), 233-239, 2002. [\[pdf\]](#)
44. Ogilvie, S., Isakov, E., Taylor, C. & **Glover, P.W.J.**, A new high resolution optical method for obtaining the topography of fracture surfaces in rocks, Image Anal. Stereol., 21, 61-66, 2002. [\[pdf\]](#)
45. Ogilvie, S.R., Isakov, E., Taylor, C.W. & **Glover, P.W.J.**, Characterisation of Rough-Walled Fractures in Crystalline Rocks, in Hydrocarbons in Crystalline Rocks, SP214, Eds. Petford N. & McCaffrey K.J.W., Geological Society of London Special Publication, 248 pp., ISBN: 162391378, 2003. 2005
46. Einaudi, F., Pezard, P.A., Ildefonse, B. & **Glover, P.W.J.**, Electrical properties of slow spreading ridge gabbros from ODP Hole 1105A, SW Indian Ridge, in Petrophysical Properties of Crystalline Rocks, eds., P.K. Harvey, T.S. Brewer, P.A. Pezard & V.A. Petrov, Geological Society Special Publication 240, 179-193, 2005.
47. Ogilvie, S.R., Isakov, E. & **Glover, P.W.J.**, Fluid flow through rough fractures. II: A new matching model for rough rock fractures, Earth Planet. Sci. Lett., 241, 454-465, 2006. [\[pdf\]](#)
48. K. Matsuki, K., Chida, Y., Sakaguchi, K. & **Glover, P.W.J.**, Size effect on aperture and permeability of a fracture as estimated in large synthetic fractures, Int. J. Rock Mech. & Min. Abstr., 43, 726-755, 2006. [\[pdf\]](#)
49. **Glover, P.W.J.**, Zadjali, I. & Frew, K., Permeability prediction from MICP and NMR data using an electrokinetic approach, Geophysics, 71, F49, 2006. [\[pdf\]](#)
50. **Glover, P.W.J.**, & P. Bormann, The characterization of trough and planar cross-bedding from borehole image logs, J. Appl. Geophys., 62(2), 178-191, 2007. [\[pdf\]](#)
51. **Glover, P.W.J.**, Discussion and Reply Comment on “Permeability prediction from MICP and NMR data using an electrokinetic approach (P. W. J. Glover, I. I. Zadjali, and K. A. Frew, 2006, Geophysics, 71, no. 4, F49–F60), Geophysics, 72, X3-X5, 2007. [\[pdf\]](#)
52. **Glover, P.W.J.** & Adám, A., Correlation between crustal high conductivity zones and seismic activity and the role of carbon during shear deformation, 2008, J. Geophys. Res., 113, B12210, doi:10.1029/2008JB005804. [\[pdf\]](#)
53. **Glover, P.W.J.**, The Use of Electrical Surveying and Predictive Deconvolution in the Search for Anglo-Saxon Grubenhäuser at New Bewick, Northumberland, UK, in J.-F. Moreau, R. Auger, J. Chabot, A. Herzog (eds), 2009, Proceedings, 36th International Symposium on Archaeometry, Quebec, 2006,

Université Laval, CELAT, Cahiers d'archéologie du CELAT no. 25, Série Archéométrie no. 7, ISBN 978 2-920576-98-8, 11-17, 2009. [\[pdf\]](#) published monochrome version, [\[pdf\]](#) draft in colour, [\[pdf\]](#) draft in black and white.

54. **Glover, P.W.J.**, What is the cementation exponent? A new interpretation, 2009, The Leading Edge, January 2009, 82-85. [\[pdf\]](#)
55. **Glover, P.W.J.** & Walker, E., A grain size to effective pore size transformation derived from an electro-kinetic theory, Geophysics, 74(1), E17-E29, 2009. [\[pdf\]](#)
56. **Glover, P.W.J.**, The discovery of an Anglo-Saxon Grubenhaus at New Bewick, northern UK using electrical surveying and predictive deconvolution, Archaeometry, 52(2), 320-342, 2010. [\[pdf\]](#)
57. **Glover, P.W.J.** & Jackson, M.D., Borehole electro-kinetics, The Leading Edge, 29(6), 724-728. [\[pdf\]](#) .
58. **Glover, P.W.J.**, Nonlinear electrical conductivity response of shaly-sand reservoir, Current Science, 99(3), 283-285, 2010. [\[pdf\]](#)
59. **Glover, P.W.J.**, Ransford, T.J. & Auger, G., A simple method for solving the Bussian equation for electrical conduction in rocks, Solid Earth, 1, 85-91, 2010. [\[pdf\]](#)
60. Walker, E. & **Glover, P.W.J.**, Characteristic pore size, permeability and the electrokinetic coupling coefficient transition frequency in porous media, Geophysics, 75(6), E235--E246, 2010. [\[pdf\]](#) , doi: 10.1190/1.3506561
61. **Glover, P.W.J.**, A generalised Archie's law for n phases, Geophysics, 75(6), E247-E265, 2010. [\[pdf\]](#) , doi: 10.1190/1.3509781
62. **Glover, P.W.J.** & Déry, N. Dependence of streaming potential on grain diameter and pore radius for quartz glass beads, Geophysics, 75(6), F225-241, 2010. [\[pdf\]](#) , doi: 10.1190/1.3509465
63. Tardif, E., **Glover, P.W.J.** & Ruel, J., Frequency-dependent streaming potential of Ottawa sand, submitted to J. Geophys. Res. B. [\[pdf\]](#) doi:10.1029/2010JB008053

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64. **Glover, P.W.J.**, Walker, E. and Jackson, M.D., Streaming potential coupling coefficients in reservoir rocks: A theoretical model, submitted to Geophysics.

Submitted

65. **Glover, P.W.J.**, What is the saturation exponent? A new interpretation, submitted to Petrophysics.
66. **Glover, P.W.J.**, Tardif, E. & Ruel, J., Frequency-dependent streaming potential of porous media: Conceptual design, submitted to International Journal of Geophysics.
67. **Glover, P.W.J.**, Tardif, E. & Ruel, J., Frequency-dependent streaming potential of porous media: Experimental measurement of unconsolidated materials, submitted to International Journal of Geophysics.

In Preparation

68. **Glover, P.W.J.**, Connectedness and relative permeability, in preparation for Geophysics.
69. Déziel, J.-L., **Glover, P.W.J.** & M. Blouin, Increased domestic radon exposure caused by permafrost thawing due to global climate change, in preparation for Nature.
70. Cyr, G., **Glover, P.W.J.** and Novikov, V., An electro-kinetic mechanism for artificial earthquakes, in preparation for Geophys. Res. Lett.
71. **Glover, P.W.J.**, Magnetic susceptibility of ancient and modern potsherds using a fast, cheap and portable probe, in preparation for Archaeometry.

Conference Organisation (16 items)

72. Conference Organisation Co-convenor of the international scientific meeting "Crack Systems in Rocks: Fundamentals and Applications in Crustal Dynamics and Reservoir Engineering", with P.G. Meredith, and P.R. Sammonds, University College London, London, UK, April, 1994.
73. Principal convenor of session **SE14** "Integrated Experimental Measurements and Theoretical Description of Rock Transport Properties" at the 20th European Geophysical Society Congress, Hamburg, Germany, April, 1995.
74. Principal convenor of session **SE41** "Electro-magnetic and Electro-kinetic Properties of Rocks: Integration of Laboratory, Borehole and Field Measurements" at the 23rd European Geophysical Society Congress, Nice, France, 20th - 24th April, 1998.
75. Principal convenor of session **SE33** "Open Session on the Physical Properties of Geomaterials" at the 25th European Geophysical Society Congress, France, 25-29th April, 2000.
76. Principal convenor of session **ERE1** "Environmental challenges associated with hydrocarbon production: remediation, improved extraction and sensitive exploitation" at the 26th European Geophysical Society Congress, France, 26-30th March, 2001.
77. Principal convenor of session **SE4.06** "Rheology and properties of the lithosphere, rocks and faults: Micro-to-macro behaviour of rock transport properties" at the 26th European Geophysical Society Congress, France, 26-30th March, 2001.
78. Principal convenor of Society Symposium **EGS1** "Striking the balance between energy and resource provision and the environment in the 3rd millennium" at the 26th European Geophysical Society Congress, France, 26-30th March, 2001.
79. Section Chairman for the **Energy, Resources and the Environment** Section sessions ERE1, ERE2, ERE3 at the 26th European Geophysical Society Congress, France, 26-30th March, 2001.
80. Principal convenor of session entitled **ERE9** "Archaeometry: The use of geoscientific techniques to probe the archaeological environment ." at EGU 2007, Vienna, May 2007.
81. Principal convenor of session entitled **MPRG7** "The Transport Properties of Geomaterials: Theory, Modeling, Measurement, Application and Integration" at EGU 2008, Vienna, May 2008.
82. Co-convenor (with A. Endres) of session entitled **SS2** "Rock physics: Tying geophysics to geology." at GAC/MAC 2008 Québec, 2008.
83. Principal convenor of session entitled **MPRG7** "The Transport Properties of Geomaterials: Theory, Modeling, Measurement, Application and Integration" at EGU 2009, Vienna, May 2009.
84. Principal convenor of session entitled **ERE14** "Archaeometry: The use of geoscientific techniques to probe the archaeological environment ." at EGU 2009, Vienna, May 2009.
85. Co-convenor (with Li Zhen Chang, Michel Chouteau, Anthony Endres) **GA13** "Integrated and Multi-scale Studies in Petrophysics and Applied Geophysics" at AGU/GAC/MAC Joint Meeting 2009, Toronto, 2009
86. Principal convenor of the Union session entitled **US4** "History, culture, art and religion in the geosciences. " at EGU 2010, Vienna, May 2010.
87. Principal convenor of the Union session entitled **SPM1.57** "History, culture, art and religion: Panel and audience discussion (public). " at EGU 2010, Vienna, May 2010.

I am currently designing a new grouping within the EGU dedicated to history, art, religion and philosophy within the Earth Sciences, to build on the success of items 86 and 87 above. It is hoped to convene a number of sessions under this new grouping in 2013.

Presentations at Conferences and Symposia (123 items)

88. **Glover, P.W.J.**, F.J. Vine, R.G. Ross, & G. Turner, The measurement of electrical resistivity of rocks under simulated crustal conditions, 25th EHPRG International Conference on High Pressure Geosciences and Material Sciences, 25-27 August 1987, Potsdam, East Germany, 1987.
89. **Glover, P.W.J.**, R.G. Ross, & H. Jolly, The measurement of saturated rock electrical conductivity at lower crustal temperatures and high pressures, 12th AIRAPT & 27th EHPRG International Conference on High Pressure Science and Technology, 17-21 July 1989, University of Paderborn, Germany, 1989.
90. **Glover, P.W.J.**, F.J. Vine, & R.G. Ross, R.G., Measurements of saturated basic and acidic rock electrical conductivities at lower crustal temperatures and high pressures, 12th AIRAPT & 27th EHPRG International Conference on High Pressure Science and Technology, 17-21 July 1989, University of Paderborn, Germany, 1989.
91. **Glover, P.W.J.** & F.J. Vine, Electrical conductivity measurements made under hydrostatic pressure, High Pressure Technology Association one day discussion meeting on High Pressure Research in Earth Sciences, University College London, 5th July 1990, 1990.
92. **Glover, P.W.J.**, A digitally filtered electrical resistivity survey at an Anglo Saxon settlement in northern England, 18th General Assembly of the European Geophysical Society, 1993.
93. **Glover, P.W.J.**, P.G. Meredith & P.R. Sammonds, Complex electrical conductivity and fractal pore surfaces of rocks subjected to confining pressures, 18th General Assembly of the European Geophysical Society, 1993.
94. **Glover, P.W.J.**, Electrical conductivity of graphite bearing lower crustal rocks at lower crustal temperatures and raised pressures, 18th General Assembly of the European Geophysical Society, 1993.
95. **Glover, P.W.J.**, P.G. Meredith, P.R. Sammonds, & S.A.F. Murrell, Measurements of complex electrical conductivity and fluid permeability in porous rocks at raised confining pressures, EUROCK '94, SPE/ISRM International Conference on Rock Mechanics in Petroleum Engineering, Delft, The Netherlands, Balkema, Amsterdam, 29-36, 1994.
96. **Glover, P.W.J.**, P.G. Meredith, P.R. Sammonds, & S.A.F. Murrell, A new theory of ionic adsorption on saturated mineral surfaces: Implications for ionic surface conduction in saturated rocks, 19th General Assembly of the European Geophysical Society, 1994.
97. Baud, P., **P.W.J. Glover**, M. Darot, M. LeRavalec, T. Reuschlé, S. Zoussi, & P.G. Meredith, Thermal cracking in quartz as a result of the Alpha/beta phase transition monitored using acoustic emissions, 19th General Assembly of the European Geophysical Society, 1994.
98. **Glover, P.W.J.**, The use of deconvolution of electrical resistivity data to aid the search for buried grubenhäuser, 19th General Assembly of the European Geophysical Society, 1994.
99. **Glover, P.W.J.**, P.G. Meredith, P.R. Sammonds, S.A.F. Murrell, and S.A. Boon, Surface electrical conduction and the fractal nature of pore and crack surfaces in saturated rocks, International Symposium on Fractal Fracture Mechanics, solicited paper, 1st Nov., 1994, Tokyo, 1994.
100. **Glover, P.W.J.**, P.G. Meredith, P.R. Sammonds, & S.A.F. Murrell, Complex electrical conductivity of saturated rocks undergoing triaxial deformation: Experimental data and mechanical modelling, 20th General Assembly of the European Geophysical Society, 1995.
101. **Glover, P.W.J.**, P.G. Meredith, P.R. Sammonds, & S.A.F. Murrell, Complex electrical conductivity of saturated rocks undergoing triaxial deformation: Experimental data and mechanical modelling, XXII International Union of Geodesy and Geophysics, International Conference, Boulder Colorado, USA, 2-14 July 1995, 1995.

102. **Glover, P.W.J.**, Graphite and electrical conductivity in the lower continental crust: A review, 13th IUGG Workshop on Electromagnetic Induction in the Earth, July 12-18 1996, Onuma, Hokkaido, Japan, 1996.
103. **Glover, P.W.J.**, High Electrical Conductivity in the Earth's Continental Crust, Symposium of the Assistant Professor's Society of the University of Tohoku, University of Tohoku, Sendai, Japan, May 1996.
104. **Glover, P.W.J.**, Graphite and electrical conductivity in the lower continental crust: A review, 21st General Assembly of the European Geophysical Society, 1996.
105. **Glover, P.W.J.**, and K. Hayashi, Modelling fluid flow in rough fractures, 21st General Assembly of the European Geophysical Society, 1996.
106. **Glover, P.W.J.**, J.B. Gómez, P.G. Meredith, & K. Hayashi, Damage of saturated rocks undergoing triaxial deformation using complex electrical conductivity measurements: Experimental results, 21st General Assembly of the European Geophysical Society, 1996.
107. Gómez, J.B., **P.W.J. Glover** & P.G. Meredith, Damage of saturated rocks undergoing triaxial deformation using complex electrical conductivity measurements: Mechanical modelling, 21st General Assembly of the European Geophysical Society, 1996.
108. **Glover, P.W.J.**, Causes of High Electrical Conductivity in the Continental Crust, Technical University of Berlin Seminar, Technical University of Berlin, Germany, May 1997.
109. **Glover, P.W.J.**, Causes of High Electrical Conductivity in the Continental Crust, University of Göttingen Seminar, University of Göttingen, Germany, May 1997.
110. **Glover, P.W.J.**, Causes of High Electrical Conductivity in the Continental Crust, Free University of Berlin Seminar, Free University of Berlin, Germany, May 1997.
111. **Glover, P.W.J.**, Causes of High Electrical Conductivity in the Continental Crust, University of Frankfurt Seminar, University of Frankfurt, Germany, May 1997.
112. **Glover, P.W.J.**, Electrical conductivity in the Earth's crust; A review of data and mechanisms, Aberdeen Geological Society Seminar, April 1998.
113. **Glover, P.W.J.** & G. Sinclair, Core Permeability: (Mis)understanding the basics, Permeability: From Pore Throat to Grid Block, AFES Symposium, November 1998.
114. **Glover, P.W.J.**, Volcanism in Japan, Aberdeen Geological Society Seminar, December 1998.
115. **Glover, P.W.J.**, K. Matsuki, R. Hikima & K. Hayashi, Synthetic rough fractures in rocks for flow modelling, 23rd General Assembly of the European Geophysical Society, 1998.
116. **Glover, P.W.J.**, K. Matsuki, R. Hikima & K. Hayashi, Fluid flow in synthetic rough fractures and application to a field scale fracture, 23rd General Assembly of the European Geophysical Society, 1998.
117. Bächle, G. & **P.W.J. Glover**, Pore structure and transport in a pure sandstone - determination of relevant properties, 23rd General Assembly of the European Geophysical Society, 1998.
118. Ogilvie, S. & **P.W.J. Glover**, The influence of fluorite and barite cementation on porosity and permeability in reservoir and reservoir analogue sandstones, 23rd General Assembly of the European Geophysical Society, 1998.
119. **Glover, P.W.J.** & C. Taylor, A new triaxial rock deformation cell for real-time imaging of fracture development in rocks, 24th General Assembly of the European Geophysical Society, 1999.
120. Pous, J., **P.W.J. Glover**, J. Muñoz, P. Queralt, M. Liesa & M.J. Hole, Partial melt fraction determination in the Pyrenees using magnetotelluric and laboratory data, 24th General Assembly of the European Geophysical Society, 1999.
121. Bormann, P. & **Glover, P.W.J.**, The characterization of trough-bedded sedimentary structures and palaeoflow direction from down-hole FMI images, 25th General Assembly of the European Geophysical Society Nice, France, 25-29th April, 2000. [\[presentation\]](#)

122. Cuddy, S.J. & **Glover, P.W.J.**, The application of genetic algorithms and fuzzy logic to the prediction of the physical properties of rocks, 25th General Assembly of the European Geophysical Society Nice, France, 25-29th April, 2000.
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