Curriculum Vitae

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Dr Nectaria Diamanti

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ResearchGate: http://www.researchgate.net/profile/Nectaria_Diamanti

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University Education & Degrees Awarded

01/2005–11/2008	Institute for Infrastructure & Environment, School of Engineering & Electronics, The University of Edinburgh, U.K. Ph.D. in Engineering & Electronics Thesis title: *An Efficient Ground Penetrating Radar Finite-Difference Time-Domain Subgridding Scheme and its Application to the Non-Destructive Testing of Masonry Arch Bridges* Supervisors: Dr. A. Giannopoulos, Prof. M.C. Forde
10/2000–09/2002	Department of Geophysics, School of Geology, Aristotle University of Thessaloniki, Greece M.Sc. in Geophysics Thesis title: *Integrated Interpretation of Geophysical Data in the Archaeological Site of Europos (Northern Greece)* Supervisors: Prof. Gr. Tsokas, Assist. Prof. P. Tsourlos, Prof. A. Vafidis
10/1996–09/2000	School of Geology, Aristotle University of Thessaloniki, Greece B.Sc. in Geology with Honours Dissertation Title: *Geothermal Exploration in Lagada Area (Northern Greece), and Parallel Use of Geophysical Sounding Methods* Supervisor: Prof. M. Fytikas

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Professional Experience & Career Record

05/2018–present	Department of Geophysics, Faculty of Sciences, Aristotle University of Thessaloniki, Greece Research Scientist
09/2016–present	Journal of Environmental & Engineering Geophysics (JEEG) Associate Editor
09/2013–04/2018	Sensors & Software Inc., Mississauga, ON, Canada R&D – Applications Scientist
01/2009–09/2013	Department of Geophysics, Faculty of Sciences, Aristotle University of Thessaloniki, Greece Research Assistant – Staff
04/2013	IDES, Earth Sciences, Universite Paris Sud, Orsay, France Visiting Researcher (Erasmus visit)
04/2012–06/2012	EPCC, The University of Edinburgh, U.K. High Performance Computing (HPC) Europa II Visiting Researcher Project title: *Advanced 3D Ground Penetrating Radar numerical modelling using a Finite-Difference Time-Domain simulator*
07/2011–09/2011	Sensors & Software Inc., Mississauga, ON, Canada Visiting Researcher
09/2009–12/2009	Sensors & Software Inc., Mississauga, ON, Canada Visiting Researcher
01/2005–11/2008	School of Engineering & Electronics, The University of Edinburgh, U.K. Tutor
09/2004–12/2004	EPCC, The University of Edinburgh, U.K. High Performance Computing (HPC) Europa Visiting Researcher Project title: *Detailed Modelling of Ground Penetrating Radar Using a Parallelised Version of the Finite-Difference Time-Domain GprMax Code*
09/2002–12/2002	Institute for Infrastructure & Environment, School of Engineering & Electronics, The University of Edinburgh, U.K. Visiting Researcher

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Research

- Non-destructive testing of structures
- Environmental, engineering & archaeological geophysics
- Computational electromagnetics & numerical modelling using the FDTD method
- Application of numerical modelling to GPR

Awards & Grants

2018	Won the Best of SAGEEP 2018 paper award: *"Diamanti N., Annan A.P., 2018. Multiple, Concurrent GPR Data Acquisition - The WARR Machine. Symposium on the Application of Geophysics to Engineering and Environmental Problems (SAGEEP 2018), Nashville, TN, U.S.A."*
2017	One of the four contenders for the Alan Witten Best Paper Award: *"Diamanti, N., Annan, A.P., and Redman, J.D., 2017, Concrete bridge deck deterioration assessment using Ground Penetrating Radar (GPR): Journal of Environmental and Engineering Geophysics, 22, 121-132"*
2009	Keynote, plenary speaker at the 5th International Workshop on Advanced Ground Penetrating Radar (IWAGPR2009), IEEE, Granada, Spain: *"Application of an ADI-FDTD Subgridding Scheme to Investigate Ring Separation in Brick Masonry Arch Bridges"*
2007	Travel grant from the Royal Academy of Engineering, London, United Kingdom
2002–2003	Centenary Bursary from the British School at Athens, Greece
2001–2002	Scholarship from the State Scholarship's Foundation (IKY), Greece, for distinguished performance during the M.Sc. studies

Memberships & Conference Committees

Since 2010	Scientific Committee of the International GPR & IWAGPR Conferences & Workshops
Since 2004	European Association of Geoscientists & Engineers (EAGE)
Since 2004	Society of Explorations Geophysicists (SEG)

Publications

International Journals: peer reviewed

1. Diamanti N., Annan A.P., Jackson S.R., Klazinga D., 2021. A GPR-based pavement density profiler: operating principles applications. *Remote Sensing (InPress)*
2. Das S., Sawyer D.J., Diamanti N., Annan A.P., Iyer A.K., 2020. A Strongly Miniaturized and Inherently Matched Folded Dipole Antenna for Narrowband Applications. *IEEE Transactions on Antennas and Propagation* 68 (5), 3377-3386
3. Diamanti N., Annan A.P., 2019. Understanding the use of ground-penetrating radar for assessing clandestine tunnel detection. *The Leading Edge* 38 (6), 453-459

4. Sawyer D., Das S., Diamanti N., Annan A.P., Iyer A., 2018. Choke Rings for Pattern Shaping of a GPR Dipole Antenna. *IEEE Transactions on Antennas and Propagation* 66 (12), 6781-6790
5. Diamanti N., Elliott E.J., Jackson S.R., Annan A.P., 2018. The WARR Machine: System Design, Implementation and Data. *Journal of Environmental and Engineering Geophysics* 23 (4), 469-487
6. Redman J.D., Annan A.P., Diamanti N., 2018. Measurement of Bulk Electrical Properties Using GPR with a Variable Reflector. *Journal of Environmental and Engineering Geophysics* 23 (4), 489-496
7. Wei X.-K., Zhang X., Diamanti N., Shao W., Sarris C.D., 2017. Subgridded FDTD Modeling of Ground Penetrating Radar Scenarios Beyond the Courant Stability Limit. *IEEE Transactions on Geoscience and Remote Sensing* 55 (12), 7189-7198
8. Diamanti N., Annan A.P., Redman J.D., 2017. Concrete bridge deck deterioration assessment using ground penetrating radar (GPR). *Journal of Environmental and Engineering Geophysics* 22 (2), 121-132
9. Redman J.D., Hans G., Diamanti N., 2016. Impact of wood sample shape and size on moisture content measurement using a GPR based sensor. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 9 (1), 221-227
10. Annan A.P., Diamanti N., Redman J.D., Jackson S.R., 2016. Ground-penetrating radar for assessing winter roads. *Geophysics* 81 (1), WA101-WA109
11. Tsokas G.N., Kim J.H., Tsourlos P.I., Angistalis G., Vargemezis G., Stampolidis A., Diamanti N., 2015. Investigating behind the lining of the tunnel of Eupalinus in Samos (Greece) using ERT and GPR. *Near Surface Geophysics* 13 (6), 571-583
12. Diamanti N., Annan A.P., 2013. Characterizing the energy distribution around GPR antennas. *Journal of Applied Geophysics* 99, 83-90
13. Tsokas G.N., Diamanti N., Tsourlos P.I., Vargemezis G., Stampolidis A., Raptis K.T., 2013. Geophysical prospection at the Hamza Bey (Alkazar) monument in Thessaloniki, Greece. *Mediterranean Archaeology & Archaeometry* 13 (1), 9-20
14. van der Kruk J., Diamanti N., Giannopoulos A., Vereecken H., 2012. Inversion of waveguide induced dispersive GPR data including heterogeneities, interface roughness and dipping interfaces. *Journal of Applied Geophysics* 81, 88-96
15. Diamanti N., Redman J.D., 2012. Field observations and numerical models of GPR response from vertical pavement cracks. *Journal of Applied Geophysics* 81, 106-116
16. Diamanti N., Giannopoulos A., 2011. Employing ADI-FDTD subgrids for GPR numerical modelling and their application to study ring separation in brick masonry arch bridges. *Near Surface Geophysics* 9 (3), 245-256
17. Diamanti N., Giannopoulos A., 2009. Implementation of ADI-FDTD subgrids in ground penetrating radar FDTD models. *Journal of Applied Geophysics* 67, 309-317
18. Diamanti N., Giannopoulos A., Forde M.C., 2008. Numerical modelling and experimental verification of GPR to investigate ring separation in brick masonry arch bridges. *NDT&E International* 41 (5), 354-363

19. Giannopoulos A., Diamanti N., 2008. Numerical modeling of ground penetrating radar response from rough subsurface interfaces. *Near Surface Geophysics* 6 (6), 357-369

20. Diamanti N.G., Tsokas G.N., Tsourlos P.I., Vafidis A., 2005. Integrated interpretation of geophysical data in the archaeological site of Europos (Northern Greece). *Archaeological Prospection* 12, 79-91

Conference Proceedings: reviewed

1. Angelis D., Warren C., Diamanti N., Martin J., Annan A.P., 2021. Challenges and opportunities from large volume, multioffset Ground Penetrating Radar data. *EGU2021 General Assembly*, Geophysical Research Abstracts, 2 pp., Vienna, Austria

2. Diamanti N., Redman J.D., Hogan C.M., Annan A.P., 2020. Air-launched GPR depth of investigation. *18th International Conference on Ground Penetrating Radar, GPR2020*, SEG Global Meeting Abstracts, 228-231, Golden, Colorado, U.S.A.

3. Diamanti N., Annan A.P., 2020. GPR air-waves and survey design. *18th International Conference on Ground Penetrating Radar, GPR2020*, SEG Global Meeting Abstracts, 232-235, Golden, Colorado, U.S.A.

4. Angelis D., Warren C., Diamanti N., 2020. A software toolset for processing and visualization of single and multi-offset GPR data. *18th International Conference on Ground Penetrating Radar, GPR2020*, SEG Global Meeting Abstracts, 320-323, Golden, Colorado, U.S.A.

5. Diamanti N., Annan A.P., Jackson S.R., 2019. Measuring Asphalt Pavement Density with a GPR-based Sensor: A Case Study. *10th International Workshop on Advanced Ground Penetrating Radar, IWAGPR2017, IEEE*, 6 pp., The Hague, The Netherlands

6. Angelis D., Warren C., Diamanti N., 2019. Preliminary Development of a Workflow for Processing Multi-Concurrent Receiver GPR Data. *10th International Workshop on Advanced Ground Penetrating Radar, IWAGPR2017, IEEE*, 6 pp., The Hague, The Netherlands

7. Vargemezis G., Tsourlos P., Fikos I., Diamanti N., Angelis D., Amanatidou E., 2019. Void Detection and Consolidation Filling Verification by ERT, GPR and Seismic Refraction Methods. *Near Surface Geoscience 2019, NSG2019, EAGE*, 5 pp., The Hague, The Netherlands

8. Doll W., Simms J., Greenwood J., Mills D., Leberfinger J., Di Bello M., Catalano M., Gregor V., Drdla S., Michovsky P., Stickel F., Cosway S., Diamanti N., Johnston G., 2019. Andrew JacksonâĂŹs the hermitage–SAGEEP2018 exhibitor surveys. *Symposium on the Application of Geophysics to Engineering and Environmental Problems, SAGEEP 2019*, Abstract, Portland, U.S.A

9. Diamanti N., Redman J.D., Annan A.P., 2018. A GPR-based Sensor to Measure Asphalt Pavement Density. *17th International Conference on Ground Penetrating Radar, GPR2018*, 6 pp., Rapperswil, Switzerland

10. Diamanti N., Annan A.P., 2018. Multiple, Concurrent GPR Data Acquisition - The WARR Machine. *Near Surface Geoscience 2018, NSG2018, EAGE*, Porto, Portugal (Invited Paper from SAGEEP2018)

11. Annan A.P., Diamanti N., 2018. A Newly Developed GPR Receiver. *Near Surface Geoscience 2018, NSG2018, EAGE*, 4 pp., Porto, Portugal

12. Diamanti N., Annan A.P., 2018. Multiple, Concurrent GPR Data Acquisition - The WARR Machine. *Symposium on the Application of Geophysics to Engineering and Environmental Problems, SAGEEP 2018*, Abstract, Nashville, TN, U.S.A.

13. Redman J.D., Diamanti N., Annan A.P., 2018. Measurement of the Electrical Properties of Concrete during Curing Process using a Variable Reflector with GPR. *Symposium on the Application of Geophysics to Engineering and Environmental Problems, SAGEEP 2018*, Abstract, Nashville, TN, U.S.A.

14. Redman J.D., Annan A.P., Diamanti N., 2017. A variable reflector for measurement of bulk electrical properties of materials using GPR. *9th International Workshop on Advanced Ground Penetrating Radar, IWAGPR2017, IEEE*, 4 pp., Edinburgh, U.K.

15. Wei X.-K., Diamanti N., Zhang X., Annan A.P., Sarris C.D., 2017. Spatially-filtered FDTD subgridding for Ground Penetrating Radar numerical modeling. *9th International Workshop on Advanced Ground Penetrating Radar, IWAGPR2017, IEEE*, 4 pp., Edinburgh, U.K.

16. Wei X.-K., Zhang X., Diamanti N., Sarris C.D., 2017. A spatially-filtered FDTD sub-gridding scheme for Ground Penetrating Radar scenarios. *2017 IEEE AP-S Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, APS/URSI2017*, 2 pp., San Diego, California, U.S.A.

17. Das S., Iyer A.K., Annan A.P., Diamanti N. 2017. Study of reactive loading for the miniaturization of folded dipole antennas. *2017 IEEE AP-S Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, APS/URSI2017*, 1 pp., San Diego, California, U.S.A.

18. Sawyer D.J., Iyer A.K., Annan A.P., Diamanti N. 2017. Investigation of choke-ring structures for Ground-Penetrating Radar. *2017 IEEE AP-S Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting, APS/URSI2017*, 2 pp., San Diego, California, U.S.A.

19. Diamanti N., Annan A.P., 2017. Air-launched and ground-coupled GPR data. *11th European Conference on Antennas and Propagation (EuCAP2017)*, 5 pp., Paris, France

20. Diamanti N., Annan A.P., Giannakis I., 2016. Predicting GPR performance for buried victim search & rescue. *16th International Conference on Ground Penetrating Radar, GPR2016*, 6 pp., Hong Kong

21. Annan A.P., Diamanti N., 2016. A Step Towards Quantitative Target Analysis for GPR. *16th International Conference on Ground Penetrating Radar, GPR2016*, 6 pp., Hong Kong

22. Diamanti N., Annan A.P., Redman J.D., 2015. Anisotropy effect on GPR signals. *8th International Workshop on Advanced Ground Penetrating Radar, IWAGPR2015, IEEE*, 4 pp., Florence, Italy

23. Warren C., Giannopoulos A., Diamanti N., Annan A.P., 2015. An extension module to embed commercially sensitive antenna models in gprMax. *8th International Workshop on Advanced Ground Penetrating Radar, IWAGPR2015, IEEE*, 3 pp., Florence, Italy

24. Diamanti N., Redman J.D., Annan A.P., 2014. Importance of simulating realistic transducers in GPR numerical modelling. *Near Surface Geoscience 2014, NSG2014, EAGE*, 5 pp., Athens, Greece

25. Diamanti N., Annan A.P., Redman J.D., 2014. Impact of gradational electrical properties on GPR detection of interfaces. *15th International Conference on Ground Penetrating Radar, GPR2014*, 6 pp., Brussels, Belgium

26. Redman J.D., Hans G., Diamanti N., 2014. Effect of wood log shape on moisture content measurement using GPR. *15th International Conference on Ground Penetrating Radar, GPR2014*, 6 pp., Brussels, Belgium

27. Annan A.P., Diamanti N., Redman J.D., 2014. GPR emissions and regulatory limits. *15th International Conference on Ground Penetrating Radar, GPR2014*, 6 pp., Brussels, Belgium

28. Vargemezis G., Diamanti N., Tsourlos P.I., Fikos I., 2014. Electrical resistivity tomography and ground penetrating radar for locating buried petrified wood sites: a case study in the natural monument of the petrified forest of Evros, Greece. *EGU2014 General Assembly*, Geophysical Research Abstracts Vol. 16, 1 pp., Vienna, Austria

29. Vargemezis G.N., Tsourlos P.I., Tsokas G.N., Fikos I., Diamanti N., Stampolidis A., 2013. Waste disposal sites investigation by the use of electrical resistivity tomography. *7th Congress of the Balkan Geophysical Society*, 5 pp., Tirana, Albania

30. Vargemezis G., Diamanti N., Fikos, I. Stampolidis A., Makedon Th., Chatzigogos N., 2013. Ground penetrating radar and electrical resistivity tomography for locating buried building foundations: A case study in the city centre of Thessaloniki, Greece. *Bulletin of the Geological Society of Greece, vol. XLVII 2013, 13th International Congress*, 11 pp., Chania, Greece

31. Diamanti N., Annan A.P., Redman J.D., 2013. Quantifying GPR transient waveforms in the intermediate zone. *7th International Workshop on Advanced Ground Penetrating Radar, IWAGPR2013, IEEE*, 7 pp., Nantes, France

32. Diamanti N., Annan A.P., Redman J.D., 2012. Quantifying GPR responses. *14th International Conference on Ground Penetrating Radar, GPR2012*, 6 pp., Shanghai, China

33. Diamanti N., Redman J.D., Giannopoulos A., 2010. A study of GPR pavement crack responses using field data and numerical modelling. *13th International Conference on Ground Penetrating Radar, GPR2010*, 5 pp., Lecce, Italy

34. van der Kruk J., Vereecken H., Diamanti N., Giannopoulos A., 2010. Influence of interface roughness and heterogeneities on the waveguide inversion of dispersive GPR data. *13th International Conference on Ground Penetrating Radar, GPR2010*, 5 pp., Lecce, Italy

35. Diamanti N., Giannopoulos A., 2009. Application of an ADI-FDTD subgridding scheme to investigate ring separation in brick masonry arch bridges. *5th International Workshop on Advanced Ground Penetrating Radar, IWAGPR2009, IEEE*, 4 pp., Granada, Spain (Invited Paper)

36. Diamanti N., Giannopoulos A., 2008. Efficient finite-difference time-domain GPR modeling using subgrids. *14th Meeting of Environmental and Engineering Geophysics*, 5 pp., Krakow, Poland

37. Diamanti N., Giannopoulos A., 2008. A general and robust scheme for introducing subgrids into FDTD GPR models. *12th International Conference on Ground Penetrating Radar, GPR2008, IEEE*, 5 pp., Birmingham, U.K.

38. Cameron J., Demoulin C., Diamanti N., Giannopoulos A., Forde M.C., 2008. Aspects of GPR testing of masonry arch bridges. *12th International Conference on Structural Faults & Repair*, 8 pp., Edinburgh, U.K.

39. Diamanti N., Giannopoulos A., 2007. The use of ADI-FDTD subgrids in FDTD ground penetrating radar modeling. *2007 International Symposium on Antennas and Propagation, ISAP2007, IEEE*, 5 pp., Niigata, Japan

40. Diamanti N., Giannopoulos A., 2007. An Investigation into the implementation of ADI-FDTD subgrids in FDTD GPR modeling. *4th International Workshop on Advanced Ground Penetrating Radar, IWAGPR2007, IEEE*, 5 pp., Naples, Italy

41. Diamanti N., Giannopoulos A., Forde M.C., 2007. Investigating masonry arch bridges using GPR. *9th International Conference on Railway Engineering*, 10 pp., London, U.K.

42. Diamanti N., Giannopoulos A., Forde M.C., 2006. Detecting ring separation in masonry arch bridges using GPR. *11th International Conference on Structural Faults & Repair*, 11 pp., London, U.K.

43. Diamanti N.G., 2005. Detailed modelling of Ground Penetrating Radar using a parallelised version of the Finite-Difference Time-Domain GprMax code. *2nd Transnational Access Meeting (TAM), Science and Supercomputing in Europe*, 5 pp., Stuttgart, Germany

44. Giannopoulos A., Diamanti N., 2005. Modelling the effects of subsurface heterogeneity on Ground Penetrating Radar signals. *11th Meeting of Environmental and Engineering Geophysics*, 4 pp., Palermo, Italy

45. Giannopoulos A., Diamanti N., 2004. A numerical investigation into the accuracy of determining dielectric properties and thicknesses of pavement layers using reflection amplitude GPR data. *10th International Conference on Ground Penetrating Radar, GPR2004, IEEE*, 4 pp., Delft, The Netherlands

46. Diamanti N.G., Giannopoulos A., 2004. Effects of subsurface interface roughness on ground penetrating radar signals. *5th International Symposium on Eastern Mediterranean Geology*, Thessaloniki, Greece

47. Giannopoulos A., Diamanti N.G., 2003. Ground Penetrating Radar modelling of rough underground interfaces. *9th Meeting of Environmental and Engineering Geophysics*, O-043, 4 pp., Prague, Czech Republic

48. Diamanti N.G., Tsokas G.N., Tsourlos P.I., Vafidis A., 2003. Integrated interpretation of geophysical data in the archaeological site of Europos (Northern Greece). *4th Symposium of the Hellenic Society for Archaeometry*, Athens, Greece

Invited Talks & Other Presentations

1. Diamanti N. *GPR numerical modelling perspectives from industry.* GPR modelling using gprMax. 3-day Online Workshop, July, 2020

2. Diamanti N., Annan A.P. *Multiple, concurrent GPR data acquisition: The WARR Machine.* 31st SAGEEP, Nashville, Tennessee, U.S.A., March, 2018

3. Diamanti N., Redman J.D., Annan A.P. *Measurement of the Electrical Properties of Concrete during Curing Process using a Variable Reflector with GPR.* 31st SAGEEP, Nashville, Tennessee, U.S.A., March, 2018
4. Diamanti N. *Engineering Applications Research at Sensors & Software Inc..* IEEE Microwave Theory and Techniques Society / Antennas and Propagation Society Joint Chapter (IEEE MTT-S/AP-S Jt. Chapter), University of Alberta, Edmonton, AB, Canada, November, 2017 (Invited Talk)
5. Diamanti N., Annan A.P. *Air-launched and ground-coupled GPR data.* 11th European Conference on Antennas and Propagation (EuCAP2017), Paris, France, March, 2017 (Invited Talk in Convened Session)
6. Diamanti N. *Field GPR vertical crack responses in pavements for the TU1208 database & comparison with numerical modelling data.* COST Action TU1208, WG3 Progress Meeting, University of Edinburgh, Edinburgh, U.K., April, 2015
7. Diamanti N. *Ground Penetrating Radar: Background, Applications & Numerical Modelling.* Electromagnetics-Photonics Seminars (EMPS), Electromagnetics Group, Department of Electrical & Computer Engineering, University of Toronto, Toronto, ON, Canada, January, 2015 (Invited Talk)
8. Diamanti N. *How to define the antenna source in FDTD GPR models.* Tutorial during the 15th International Conference on GPR (GPR2014), Universite Catholique de Louvain, Louvain-la-Neuve, Belgium, July, 2014 (Invited Workshop)
9. Diamanti N. *Geophysics at the Aristotle University of Thessaloniki.* 1st General Meeting of COST Action TU1208, "Roma Tre" University, Rome, Italy, July, 2013 (Invited Talk)
10. Diamanti N. *Ground Penetrating Radar: Reality & Numerical modelling.* IDES Seminar Series, Earth Sciences, Universite Paris Sud, Orsay, France, April, 2013 (Invited Talk)
11. Diamanti N. *Numerical Models of Dipole Antennas.* Brown Bag Seminar Series, Sensors & Software Inc., Mississauga, Ontario, Canada, August, 2011 (Invited Talk)
12. Diamanti N. *Numerical Modelling of Ground Penetrating Radar (GPR).* Brown Bag Seminar Series, Sensors & Software Inc., Mississauga, Ontario, Canada, October, 2009 (Invited Talk)
13. Diamanti N. *Applications and numerical modelling of Ground Penetrating Radar (GPR).* ITSAK Seminar Series, Institute of Engineering Seismology & Earthquake Engineering, Thessaloniki, Greece, July, 2009 (Invited Talk)
14. Diamanti N., Giannopoulos, A., Forde, M.C. *Detecting clay waterproofing saddles above brick masonry arch rings.* Transport Research Board (TRB) Meeting for Dynamics and Bridge Testing, Montreal, Canada, January 2009
15. Diamanti N. *Detecting ring separation in masonry arch bridges using Ground Penetrating Radar.* IIE Seminar Series, Institute for Infrastructure & Environment, School of Engineering & Electronics, The University of Edinburgh, Edinburgh, U.K., April, 2006