

## Full Publication List

### Book Chapters

1. Gee A, Jaafar AH, **Kemp NT** “*Optical Memristors: Review of Switching Mechanisms and New Computing Paradigms*” in "[Memristor Computing Systems](#)" Editors: Leon Chua, Ronald Tetzlaff and Angela Slavova Publisher: Springer
2. Jaafar AH, Gee A, **Kemp NT** “*Nonvolatile memory devices based on printed memristors*” in “*Handbook of Flexible Organic Electronics*” (2<sup>nd</sup> Edition), Elsevier, Editors: Stergios Logothetidis (drafting)
3. Doudin B and **Kemp NT** in “[Spintronics Handbook, Second Edition: Spin Transport and Magnetism](#)”, Volume Three: Nanoscale Spintronics and Applications, Chapter 3: Ballistic Spin Transport, Tsymbal, E. (Ed.), Žutić, I. (Ed.). (2020). Boca Raton: CRC Press,
4. Doudin B and **Kemp NT**, “[Handbook of Spin Transport and Magnetism](#)”, Chapter 28 : Ballistic Spin Transport (August 25, 2011), Editors: Evgeny Tsymbal and Igor Žutić , Publishers: Chapman and Hall/CRC

### In Primary Journals

5. Stegmann P, Gee A, **Kemp NT**, König J, “[Statistical analysis of spin switching in coupled spin-crossover molecules](#)” Phys. Rev. B 104, 125431 (2021)
6. **Kemp NT** “[A Tutorial on Electrochemical Impedance Spectroscopy and Nanogap Electrodes for Biosensing Applications](#)” IEEE Sensors Journal (2021), p1-12 (Sensors Tutorials: A Vigorous Dive into the Vast Sea of Sensor-Related Knowledge) (invited special issue)
7. Jaafar AH, Al Chawa MM., Chen F, Kelly SM, Picos R, Tetzlaff R, **Kemp NT** “[Polymer/TiO<sub>2</sub> Nanorod Nanocomposite Optical Memristor Device](#)”, J. Phys. Chem. C 125, 27, 14965–14973 (2021)
8. Marsden AJ, Riley DRJ, Barry A, Khalil JS, Guinn B, **Kemp NT**, Rivero F, Beltran-Alvarez P, “[Inhibition of Arginine Methylation Impairs Platelet Function](#)”, ACS Pharmacology & Translational Science 4 (5), 1567-1577 (2021)
9. Gee A, Jaafar AH, Brachňaková B, Massey J, Marrow C, Salitros I, **Kemp NT**, “[Multilevel Resistance Switching and Enhanced Spin Transition Temperature in Single and Double Molecule Spin Crossover Nanogap Devices](#)”, J Phys. Chem. C. 124(24) 13393–13399 (2020)
10. Gee A, Jaafar AH, **Kemp NT**, “[Nanoscale Junctions for Single Molecule Electronics Fabricated using Bilayer Nanoimprint Lithography combined with Feedback Controlled Electromigration](#)”, Nanotechnology 31(15) January 2020
11. Cheng F, Verrelli E, Alharthi FA, Satyajit D, Anthopoulos T, Lai KT, **Kemp NT**, O’Neill M, Kelly SM, “[Solution-Processable and Photopolymerisable TiO<sub>2</sub> Nanorods as Dielectric Layers for Thin Film Transistors](#)”, RSC Advances, **10**, 25540 – 25546 (2020)
12. Jaafar AH, **Kemp NT**, “[Wavelength dependent light tunable resistive switching graphene oxide nonvolatile memory devices](#)”, Carbon **153**, 81-88 (2019)
13. Jaafar AH, O’Neill M, Kelly SM, Verrelli E and **Kemp NT** “[Percolation Threshold Enables Optical Resistive-Memory Switching and Light-Tuneable Synaptic Learning in Segregated Nanocomposites](#)”,

- Adv. Elect. Mats. **5**(7), 1900197 (2019)
14. Cheng F, Young AJ, Bouillard J-S.G, **Kemp NT**, Guillet-Nicolas R, Hall CH, Roberts D, Jaafar AH, Adawi AM, Kleitz F, Imhof A, Reithofer MR, Chin JM, "[Dynamic Electric Field Alignment of Metal-Organic Framework Microrods](#)" J. Am. Chem. Soc. **141**(33) 12989-12993 (2019)
  15. Namhil ZG, Kemp C, Verrelli E, Iles A, Pamme N, Adawi AM, **Kemp NT** "[A Label-Free Aptamer-Based Nanogap Capacitive Biosensor with Greatly Diminished Electrode Polarization Effects](#)", PCCP **21**, 681-691 (2019)
  16. Jaafar AH, Gee A, **Kemp NT**, "[Nanorods vs Nanoparticles: A Comparison Study of Au/ZnO-PMMA/Au Non-volatile Memory Devices showing the importance of Nanostructure Geometry on Conduction Mechanisms and Switching Properties](#)", IEEE Trans on Nanotechnology 19, 236 - 246 (2019)
  17. Cheng F, Verrelli E, Alharthi FA, Kelly SM, O'Neill M, **Kemp NT**, Kitney SP, Lai KT, Mehl GH, Anthopoulos T, "[Lyotropic 'hairy' TiO<sub>2</sub> nanorods as precursors for self-assembled dielectric layers](#)" Nanoscale Advances, **1**, 254, (2019)
  18. Šuch O, Klimo M, **Kemp NT**, Škvarek O, "[Passive memristor synaptic circuits with multiple timing dependent plasticity mechanisms](#)" IJEC (AEU), **96**, 252-259 (2018)
  19. Mohammed AF, Al-Jarwany QA, Clarke AJ, Amaral TM, Lawrence J, **Kemp NT**, Walton CD, "[Ablation Threshold Measurements and Surface Modifications of 193 nm Laser Irradiated 4H-SiC](#)", Chem. Phys. Lett. **713**, 194-202 (2018)
  20. Gray RJ, Hamdiyah A Verrelli E, **Kemp NT**, "[Method to reduce the formation of crystallites in ZnO nanorod thin-films grown via ultra-fast microwave heating](#)", Thin Solid Films, Vol. **662**(30) September 2018, 116-122 (2018)
  21. Alharthi FA, Cheng F, Verrelli E, **Kemp NT**, Lee AF, Isaacs MA, O'Neill M, Kelly, SM, "[Solution-processable, niobium-doped titanium oxide nanorods for application in low-voltage, large-area electronic devices](#)", J. Mats. Chem. C, **5**, 1038 (2017)
  22. Jaafar AH, Gray RJ, Verrelli E, O'Neill M, Kelly SM and **Kemp NT**, "[Reversible optical switching memristors with tunable STDP synaptic plasticity: a route to hierarchical control in artificial intelligent systems](#)" Nanoscale, **9**, 17091 (2017)
  23. Jabarullah NH, Mauldin C, Navarro LA, Golden J, Madianos LM, **Kemp NT**, "[Modelling and Simulation Analysis for the Prediction of the Performance of Intrinsic Conducting Polymer Current Limiting Device](#)" Advanced Science Letters, **23** (6), 5117-5120 (2017)
  24. Jabarullah NH, Verrelli E, Gee A, Mauldin C, Navarro LA, Golden JH and **Kemp NT**, "[Large Dopant Dependence of the Current Limiting Properties of Intrinsic Conducting Polymer Surge Protection Devices](#)", RSC Advances, **6**, 85710-85717 (2016)
  25. Jabarullah NH, Verrelli E, Mauldin C, Navarro LA, Golden JH, Madianos LM, **Kemp NT**, "[Superhydrophobic SAM Modified Electrodes for Enhanced Current Limiting Properties in Intrinsic Conducting Polymer Surge Protection Devices](#)", Langmuir **31**(22), 6253-6264 (2015)
  26. Popa PL, **Kemp NT**, Majjad H, Dalmas G, Faramarzi V, Dayen JF, Andreas C, Hertel R, Doudin B, "[The magnetochemical switch](#)", PNAS **111**(29), 10433-10437 (2014)
  27. Verrelli E, Gray RJ, O'Neill M, Kelly SM and **Kemp NT**, "[Microwave oven fabricated hybrid memristor devices for non-volatile memory storage](#)", Mater. Res. Express **1**(4) 046305 (2014)
  28. Jabarullah NH, Verrelli E, Mauldin C, Navarro LA, Golden J, Madianos L, Tsoukalas D and **Kemp NT**, "[Novel conducting polymer current limiting devices for low cost surge protection applications](#)", J. Appl. Physics **116**, 164501 (2014)

29. Verrelli E, **Kemp NT**, O'Neill M, Cheng F, Alharti FA, Kelly SM, "[Synthesis and Characterization of a Solution Processable Hybrid Organic-Inorganic High-K Dielectric for Low-Voltage OFET Applications](#)", Journal of the Society for Information Display, 44(S1), 108-111 (2013)
30. **Kemp NT**, Cochrane JW, Newbury R, Dujardin E "[Electronic transport in conducting polymer nanowire array devices](#)" Nanotechnology, 22, 105202 (2011)
31. Beaufrand JB, Dayen JF, **Kemp NT**, Sokolov A, Doudin B, "[Magnetoresistance signature of resonant states in electromigrated Ni nanocontacts](#)", Appl. Phys. Letts 98, 142504 (2011)
32. Popa PL, Dalmas G, Faramarzi V, Dayen JF, Majjad H, **Kemp NT**, Doudin B, "[Heteronanojunctions with atomic size control using a lab-on-chip electrochemical approach with integrated microfluidics](#)", Nanotechnology 22, 215302 (2011)
33. Dayen JF, Faramarzi V, Pauly M, **Kemp NT**, Pichon B, Majjad H, Begin-Colin S, Doudin B, "[Nanotrench for nano and microparticle electrical interconnects](#)" Nanotechnology 33, 335303 (2010)
34. **Kemp NT**, Majjad H, Lunca-Popa P, Dalmas G, Doudin B "[Lab-On-Chip fabrication of atomic scale magnetic junctions](#)" ECS Trans. 16 (45) 3-10 (2009)
35. **Kemp NT**, Cochrane JW, Newbury R, "[Characteristics of the nucleation and growth of template-free polyaniline nanowires and fibrils](#)" Synth. Metals 159(5-6), 435 (2009)
36. Shi S, Schmerber G, Arabski J, Beaufrand J-B, Kim DJ, Boukari S, Bowen M, **Kemp NT**, Viart N, Rogez G, Beaurepaire E, Aubriet H, Petersen J, Becker C, Ruch D, "[Study of molecular spin-crossover complex Fe\(phen\)\(2\)\(NCS\)\(2\) thin films](#)" Appl. Phys. Letts, 95(4), 043303 (2009)
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39. **Kemp NT**, Cochrane JW, Newbury R, "[Patterning of conducting polymer nanowires on gold/platinum electrodes](#)" Nanotechnology 18, 145610-145617 (2007)
40. Summers K, **Kemp NT**, Paris NJ, Singh NK, "[Surface reactions of 2,-iodopropane on GaAs\(100\)](#)" Surf. Sci , 601, 1443-1455 (2007)
41. **Kemp NT**, Kaiser AB, Trodahl HJ, Chapman B, Buckley RG, Partridge AC, Foot PJ, "[Effect of ammonia on the temperature-dependent conductivity and thermopower of polypyrrole](#)", J. Polym. Sci. 44(9) 1331-1338 (2006)
42. **Kemp NT**, Singh NK, "[Coupling vs surface etching reactions of alkyl halides on GaAs\(100\): I. CF<sub>3</sub>CH<sub>2</sub>I reactions](#)", Langmuir, 22(23) 9554-9565 (2006)
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46. Singh NK, **Kemp NT**, "[Coupling reactions of trifluoroethyl iodide on GaAs\(100\)](#)", J. Vac. Sci & Tech. 22(4), 1659-1666 (2004)
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50. **Kemp NT**, Flanagan GU, Kaiser AB, Trodahl HJ, et al “[Temperature-dependent conductivity of conducting polymers exposed to gases](#)” Synth. Met. 101(1-3), 434 (1999)
51. **Kemp NT**, Stewart AM, et al “[Thermoelectric power of the Fe<sub>85</sub>-X\(Cr, Ni\)\(X\)B-15 series of glassy metals](#)” Journal of Magnetism & Magnetic Materials. 177(1), 129 (1998)
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53. Chapman B, Buckley RG, **Kemp NT**, Kaiser AB, Beaglehole D, Trodahl HJ, “[Low-Energy conductivity of PF<sub>6</sub>-doped polypyrrole](#)” Phys. Rev. B. 60(19), 13479-13483 (1999)
54. Kaiser AB, Liu CJ, Gilberd PW, Chapman B, **Kemp NT** “[Comparison of electronic transport in polyaniline blends, polyaniline and polypyrrole](#)” Synthetic Metals. 84(1-3): 699 (1997)
55. Liu CJ, Gao J, Kaiser AB, **Kemp NT** et al, “[YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> oriented thin films and magnetically aligned ceramic – anisotropic thermopower](#)” Physica C. 278(3-4):143-148, (1997)

#### Published Conference Papers (peer reviewed)

56. Jaafar AH, Gee A, Hamza AO, Eling CJ, Bouillard J.-S, Adawi AM, **Kemp NT** “[Evidence of Nanoparticle Migration in Polymeric Hybrid Memristor Devices](#)” IEEE 2020 European Conference on Circuit Theory and Design (ECCTD), Sofia, Bulgaria
57. Georgio J, Kossifos K, Antoniadis M, Jaafar A, **Kemp NT**, “[Chua Mem-Components for Adaptive RF Metamaterials](#)”, IEEE International Symposium on Circuits and Systems (ISCAS), 27-30 May, Florence, Italy (2018)
58. Georgio J, Kossifos K, Antoniadis M, Jaafar A, **Kemp NT**, “[An Optically-Programmable Absorbing Metasurface](#)”, IEEE International Symposium on Circuits and Systems (ISCAS), 27-30 May, Florence, Italy (2018)
59. Kahol PK, **Kemp NT**, and Kaiser AB, “*EPR investigations of mesoscopic disorder in polypyrrole*” American Physical Society (Seattle 2001); Bull. Am. Phys. Soc. 46, 472 (2001)
60. Bittar A, Trodahl HJ, **Kemp NT** et al, “*Preparation and characterisation of a-III N thin film materials*”, Nano-textured materials workshop; pp. 1-5, Christchurch, New Zealand (2000)

#### Press Articles

61. Nanowerk Spotlight Article: “[Learning in artificial synapses tuned by light](#)”, 19 June 2019 (www.nanowerk.com)
62. NanoWerk Spotlight Article: “[Reversibly controlling the learning properties of memristors via optical means](#)”, 30 Oct 2017 (www.nanowerk.com)
63. Daily News “[Tiny magnets, huge fields: Nanoscale ferromagnetic electrodes create chemical equivalent of solid-state spin valve](#)”, 31 Jul 2014 (http://www.dailynewsen.com/)
64. INP Scientific News: “Un interrupteur magnéto-électro-chimique”, 7 Aug 2014 (www.cnrs.fr)
65. NanoWerk Spotlight Article: “[A bottom-up technique for nanotechnology electronics fabrication](#)”, 27 Sept 2007 (www.nanowerk.com)
66. Nanotechnology Now: “[A bottom-up technique for nanotechnology electronics fabrication](#)”, 26 Sept 2007 (www.nanotech-now.com)

## Abstracts and Short Papers

67. **Kemp NT** “*Large Resistive Switching in Optical Memristors with Inhomogeneous Percolating Networks*”, Memristor 2021 (IOP), 8 Dec 2021, London
68. Jaafar AH, Gee A, Hamza AO, Eling CJ, Bouillard J.-S, Adawi AM, **Kemp NT** “*Evidence of Nanoparticle Migration in Polymeric Hybrid Memristor Devices*” 2020 European Conference on Circuit Theory and Design (ECCTD), Sofia, Bulgaria, 2020
69. **Kemp NT** “*Optically Switchable Memristors: A Route to Hierarchical Control in Artificial Intelligent Systems*”, 236<sup>th</sup> Electrochemical Society Meeting, Oct 13-17, 2019, Atlanta
70. Gee A, Šalitroš I, **Kemp NT** “*Multi-level Electronic Switching in a Two-molecule Spin Crossover Device*” Tenth International School and Conference on Spintronics and Quantum Information Technology (SpintechX), June 24-27 2019, Chicago
71. **Kemp NT**, Jaafar AH “*Light Tunable Resistive Switching Graphene Oxide Memristors*”, MEMRISYS, July 8-11, 2019, Dresden
72. **Kemp NT** [invited] “*A route to hierarchical control in artificial intelligent systems: memristors with optically tuneable STDP synaptic plasticity*”, Future Trends in Neuromorphic Electronics, 11-12 April 2019, Loughborough (UK)
73. Jaafar AH, Gray R, Verrelli E, Kelly S, **Kemp NT**, “*Optical and Non-Volatile Switching in Memristor Devices Based On Hybrid Organic-Inorganic Materials*”, International Conference on Nanotechnologies and Bionanoscience, 24-28 Sept 2018, Heraklion City, Crete
74. Jaafar AH, Gray R, Verrelli E, Kelly S, **Kemp NT** “*Memristors with optically tuneable STDP synaptic plasticity: A route to hierarchical control in artificial intelligent systems*”, 15th International Conf. on Nanosciences & Nanotechnologies (NN18), 3-6 July 2018, Thessaloniki
75. **Kemp NT** “*A route to hierarchical control in artificial intelligent systems: memristors with optically tuneable STDP synaptic plasticity*”, 10th International Symposium on Flexible Organic Electronics (ISFOE17), 3-6 July 2017, Thessaloniki, Greece
76. **Kemp NT** “*Nanocomposite materials for low cost resistive switching memories*”, 14th International Conference on Nanosciences & Nanotechnologies (NN17), 4-7 July 2017, Thessaloniki, Greece
77. Moore J, Newton G, Verrelli E, Cheng F, Alharthi F, **Kemp NT**, Kelly SM, O’Neil M, , “*Hybrid, Solution Processable and Photocrosslinkable Material Based on Titanium Dioxide Nanoparticles for Tuneable Organic Resistive Switching Memories*” MRS Fall Meeting, 26 Nov – 1 Dec 2017, Boston
78. Jaafar AH, **Kemp NT** “*A route to hierarchical control in artificial intelligent systems: memristors with optically tuneable STDP synaptic plasticity*”, MemoCIS, 21-22 Sept 2017 Krakow, Poland
79. Namhil ZG, **Kemp NT** “*Nanogap Capacitive Biosensor For Label-Free Aptamer-Based Protein Detection*” Nanotech France, 28-30 June 2017, Paris, France
80. Hamdiyah A., Gray RJ, Verrelli E., **Kemp NT**, “*Non-Volatile Resistive Switching Memories based on ZnO Nanorod - Polymer Hybrid Materials*”, MRS Fall Meeting 28 Nov - 3<sup>rd</sup> Dec 2016, Boston, USA
81. Hamdiyah A., Gray RJ, Verrelli E., **Kemp NT**, “*Metal Nanoparticle – Polymer Hybrid Materials for Non-Volatile Resistive Switching Memories*”, 4<sup>th</sup> MemoCis Workshop, 15-17 Sept 2016, Palma, Mallorca

82. Hamdiyah A., Gray RJ, Verrelli E., **Kemp NT**, “*Non-Volatile Resistive Switching Memories based on Nanoscale Hybrid Materials*”, Integrating devices and materials: A challenge for new instrumentation in ICT, April 14-15 2016, Vilnius, Lithuania
83. Šuch O, Klimo M, Linn E, Ľapajna M, Jančovič P, Frohlich K, Hamdiyah A, Verrelli E, **Kemp NT**, “Coincidence adaptation in complementary resistive gates”, E-MRS 2016, Lille, France
84. **Kemp NT**, “*Electromigrated Nanogaps for Molecular Spintronics*”, 1st European Conference on Molecular Spintronics, 15-18 Nov 2016, Bologna, Italy
85. **Kemp NT**, “Nanoscale Materials for Novel Electronic Devices”, International Conference on Materials Chemistry, Sept 18-20 2015, Xi’an, China
86. Verrelli E, Gray RJ, Hamdiyah A, Gardner B, O’Neill M, Kelly SM, **Kemp NT**, “Hybrid Memristor Devices for Low Cost Non-Volatile Memory Storage”, International Conference on Memristive Systems, 8-10 Nov 2015, Paphos, Cyprus
87. Jabarullah NH, Mauldin C, Navarro C, Golden J, Madianos L, **Kemp NT**, “Statistical Analysis and Predictions Using Experimental Evidence for the Performance of Polymer Current-Limiting Device (CLD)”, International Conference on the Science and Engineering of Materials, 16-18 Nov 2015, Kuala Lumpur, Malaysia
88. Verrelli E, Cheng F, Alharthi F, Ibrahim M, **Kemp NT**, Kelly SM, O’Neill M, “Titanium Dioxide Nanorods: Hybrid Solution-Processable High-k Dielectrics for Organic Electronics” Materials Research Society Fall Meeting, Nov 29-Dec 4 2015, Boston, USA
89. Verrelli E, Cheng F, Alharthi F, Ibrahim M, **Kemp NT**, Kelly SM, O’Neill M, “Titanium Dioxide Nanorods: Hybrid, Solution Processable and Photocrosslinkable Resistive Switching Materials for Tuneable Organic Electronic Memories” Materials Research Society Fall Meeting, Nov 29-Dec 4 2015, Boston, USA
90. Cheng F, Verrelli E, Alharthi FA, Kitney SP, **Kemp NT**, O’Neill M, Kelly SM “*Preparation of Solution processable and Photocrosslinkable Organic-Inorganic Hybrid Material for Low-voltage OFET Applications*”, 7<sup>th</sup> International Symposium on Flexible Organic Electronics (ISFOE14), 9-12 July 2014, Thessaloniki, Greece
91. Alharthi FA, Cheng F, Verrelli E, Kitney SP, **Kemp NT**, O’Neill M, Kelly SM “*Preparation of Solution processable and Photocrosslinkable Organic-Inorganic Hybrid Material for Low-voltage OFET Applications*”, NANOSMAT, Sept 8-11, 2014, Dublin, Ireland,
92. O’Neill M, Alharthi FA, Al Kalifah MS, Cheng F, Ibrahim M, Kelly SM, **Kemp NT**, Kitney SP, Lei C, Myers SA, Verrelli E “*Organic and hybrid liquid crystals for photovoltaics and photoconductors*” 5<sup>th</sup> Workshop on Liquid Crystals for Photonics, September 3-6, 2014, Erice, Italy,
93. Verrelli E, Cheng F, Alharthi F, **Kemp NT**, O’Neill M, Kelly SM, “*Functionalized Titanium Oxide Nanorods as Hybrid, Solution Processable and Photocrosslinkable Resistive Switching Materials for Organic Electronic Memories*”, MRS Fall Meeting, Nov30 - Dec 5, 2014, Boston, USA,
94. Verrelli E, Cheng F, Alharthi F, **Kemp NT**, O’Neill M, Kelly SM, “*Hybrid, Solution Processable and Photocrosslinkable High-k Dielectric based on Titanium Oxide Nanorods for Organic Electronic Applications*”, MRS Fall Meeting, Nov30 - Dec 5, 2014, Boston, USA
95. Verrelli E, **Kemp NT**, O’Neill M, Cheng F, Alharti FA, Kelly SM, "Synthesis and Characterization of a Solution Processable Hybrid Organic-Inorganic High-K Dielectric for Low-Voltage OFET Applications", Proceedings of the 33rd International Display Research Conference EuroDisplay, Sept. 17-19, 2013, Imperial College London, UK

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97. Dayen JF, Faramarzi V, **Kemp NT**, *et al* "*Nanotrench : a tool for molecular based nanodevices*" ICME 2010, Emmetten, Switzerland
98. Shi S, Schmerber G, Beaufrand J-B, **Kemp NT**, Rogez G, Boukari S, Bowen M, Beaurepaire E, *et al* "*Electronic transport through a molecular spin crossover complex in metal-molecule-metal junctions*" SPINOS 2009, Salt Lake City, USA
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102. Singh NK, **Kemp NT**, Paris N, "*Coupling reactions of trifluoroethyl iodide on GaAs(100)*", American Vacuum Society 2003, Maryland, USA
103. **Kemp NT**, Alloul H, *et al*, "*C<sub>60</sub> biphenyl fulleride systems*" European Fullerene Properties Meeting 2001, Dresden, Germany
104. Trodahl HJ, Bittar A, Lanke U, **Kemp NT**, and S Granville, "*Amorphous GaN: optical conducting properties*" 25th ANZIP Condensed Matter Physics Conference 2001, Portage, New Zealand
105. **Kemp NT**, Kaiser AB, Trodahl HJ, Chapman, B. Buckley, R.G. Partridge, A.C. "*Transport in Polypyrrole in the Presence of Gases*" American Physical Society, 20-24 March 2000, Minneapolis, USA
106. **Kemp NT**, Kaiser AB *et al* "*Transport in the conducting polymer Polypyrrole*", 9th New Zealand Institute of Physics Conference, 1999, Wellington, New Zealand
107. **Kemp NT**, Kaiser AB *et al*. "*Transport in the conducting polymer Polypyrrole*", Australian and New Zealand Institute of Physics 21<sup>st</sup> Annual Condensed Matter Physics Meeting, 4-7 Feb 1997, Pakatoa Island, Hauraki Gulf, New Zealand