

### Academic Staff Curriculum Vitae

|                    |                                   |
|--------------------|-----------------------------------|
| University:        | FREDERICK UNIVERSITY              |
| ID Number:         | 347                               |
| Full Name:         | MAVROMATIDIS PAVLOS               |
| Rank:              | VISITING LECTURER                 |
| School:            | ENGINEERING                       |
| Department:        | ELECTRICAL ENGINEERING            |
| Scientific Domain: | ELECTRONICS, ROBOTICS, MICROWAVES |

### Educational qualifications

| Degree | Year | Awarding Institution | Department                             | Thesis title                    |
|--------|------|----------------------|--|---------------------------------|
| PhD    | 2005 | Liverpool University | Electrical Engineering and Electronics | Microwave Thermal Spraying      |
| BEng   | 2001 | Liverpool University | Electrical Engineering and Electronics | Computer Electronics & Robotics |

### Employment history

| Period of employment |               | Employer             | Location      | Position  |
|----------------------|---------------|----------------------|---------------|---|
| From                 | To            |                      |               |   |
| September 2009       | Present       | Frederick University | Nicosia       | Visiting Lecturer   |
| December 2005        | November 2008 | Liverpool University | Liverpool, UK | Research Associate (Deputy Head of the RF and Microwave Power Applications Group) |

### Key refereed journal/ conference publications or monographs (list up to 5)

|   | Year | Title   | Other authors                                 | Journal/ Conference/Publisher              | Vol.   | Pages   |
|---|------|---|---|--|--------|---------|
| 1 | 2004 | 2.45 GHz Microwave Plasma System For High Velocity Thermal Spraying | A. Shaw, A.I. Al-Shamma'a, J. Lucas, W. Lucas | Journal of Materials Processing Techniques | 153-54 | 294-299 |

|   |      |  |   |  |                           |         |
|---|------|--|---|--|---------------------------|---------|
| 2 | 2003 | Experimental investigation into low pressure gas discharge in microwave electric field optical sensor probes | Fitzpatrick C., Lewis E., Lucas J., Al-Shamma'a A.I., | Sensor review journal  | 23                        | 44-47   |
| 3 | 2003 | Sensing of the Microwave High Velocity Thermal Spraying  | C. Fitzpatrick, A. Al-Shamma'a, J. Lucas              | Sensors and their Applications XII conference  | ISBN 0-7503-0978-4        | 365-370 |
| 4 | 2005 | Thermal Spray Technology Using Microwaves  | M. Houghton, A.I. Al-Shamma'a, J. Lucas               | 7th International Symposium in Plasma Chemistry  |                           |         |
| 5 | 2008 | Application of a PLC for the Microwave Superheated Water Cleaning System.                                    | M. Houghton, W. Lucas                                 | Proceedings of 17th International Conference on Computer Technology in Welding and Manufacturing | ISBN 13-978-1-903761-07-6 |         |