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Book Chapters

**Dr Elena Blokhina**


**Dr Damian Flynn**


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**Dr Lisa Ryan**


**Dr Alireza Soroudi**


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Peer Reviewed Journals

Dr Hamed Ahmadi


Mr Mostafa Bakhtvar

Dr Elena Blokhina

Harte, P; Blokhina, E; Feely, O; Fournier-Prunaret, D; Galayko, D; (2014) 'Electrostatic vibration energy harvesters with linear and nonlinear resonators'. *International Journal of Bifurcation and Chaos*.

Professor Thomas Brazil

Dr Paul Cuffe


Ms Clare Davidson

Dr Damian Flynn


**Dr Andrew Keane**


**Professor Madeleine Lowery**


Minogue CM, Caulfield BM, Lowery MM (2014) 'Whole body oxygen uptake and evoked torque during subtetanic isometric electrical stimulation of the quadriceps muscles in a single 30-minute session'. *Archives of Physical Medicine and Rehabilitation*, 95 (9):1750-1758.

**Dr Federico Milano**


**Professor Mark O'Malley**


**Professor Robert Shorten**


C King, W Griggs, F Wirth, K Quinn, R Shorten (2015) 'Alleviating a form of electric vehicle range anxiety through on-demand vehicle access'. INTERNATIONAL JOURNAL OF CONTROL.

J Marecek, R Shorten, JY Yu (2015) 'Signaling and obfuscation for congestion control'. INTERNATIONAL JOURNAL OF CONTROL.


**Dr Alireza Soroudi**


**Professor Robert Staszewski**


**Dr Anding Zhu**


**Other Journals**

**Dr Elena Blokhina**

Blokhina, E; Giounanlis, P; Dominguez, M; Gorreta, S; Pons-Nin, J; Feely, O; (2014) 'Discrete-time modeling of sigma-delta inspired systems for MEMS' *Springer Proceedings on Mathematics and Statistics*.

**Dr Lisa Ryan**


**Conference Publications**

**Dr Hamed Ahmadi**


**Dr Elena Blokhina**


**Professor Thomas Brazil**

P. C. Chen and T. J. Brazil (2015) Gaussian processes regression for optimizing harmonic impedance trajectories in continuous class-F power amplifier design 2015 *IEEE MTT-S International Microwave Symposium (IMS)*,

Cai, J., Yang, M., Zhu, A., Brazil, T. J. (2015) $|\Gamma_L|$-dependent Polynomial Behavioral Model for RF Power Transistors 2015 *IEEE MTT-S International Microwave Symposium (IMS)*, Phoenix, AZ, USA,

**Dr Mark Flanagan**

H. King and M. F. Flanagan (2015) Joint Weighted Bit-Flipping Decoder for use in Diversity Network Coding 26th *IEEE International Symposium on Personal, Indoor and Mobile Radio Communication, PIMRC 2015*, Hong Kong,


**Dr Damian Flynn**

P. Daly, N. Cunniffe, D. Flynn (2015) Inertia considerations within unit commitment and economic dispatch for systems with high non-synchronous penetrations *IEEE PowerTech*, Eindhoven, Netherlands,


A. Melhorn, D. Flynn (2015) Cycling and flexibility concerns revealed in high variability systems employing sub-hourly UC *IEEE PES GM*, Denver,


H. Qazi, Z. Rather, D. Flynn (2015) Impact of large-scale demand side management on system frequency policy ż a case study *IEEE PowerTech*, Eindhoven, Netherlands,

C. OżDwyer, D. Flynn (2014) Flexible storage operation in a market environment 13th *International Workshop on Large-Scale Integration of Wind Power into Power Systems as well as on Transmission Networks for Offshore Wind Power Plants*, Berlin, Germany,

R. Turconi, C. OżDwyer, D. Flynn, T. Astrup (2014) LCA of electricity systems with high wind power penetration *LCA XIV*, San Francisco, USA,


**Dr Andrew Keane**

Murphy, C. Keane A. (2015) Optimised Voltage Control for Distributed Generation IEEE PowerTech,

Diskin, E., Keane, A. (2015) Parameterised risk sharing in smart distribution system investments CIRED International Conference on Electricity Distribution,


**Dr Federico Milano**

F. Milano, L. Vanfretti (2015) Role of Non-commercial Software in Undergraduate Electric Energy Systems Programmes EDULEARN 2015,


F. Milano, R. Zárate-Miñoño, F. M. Mele (2014) Characterization of Wind Power Fluctuations from Frequency Measurement Data 13th Wind Integration Workshop, Berlin, Germany,


**Professor Mark O'Malley**


**Dr Alireza Soroudi**


**Professor Robert Staszewski**


Dr Anding Zhu


Cao, W., Yu, C., and Zhu, A. (2015) Digital post-correction of analog-to-digital converters with real-time FPGA implementation The 26th Irish Signals and Systems Conference (ISSC), Carlow, Ireland,


Cai, J., Yang, M., Zhu, A., Brazil, T. J. (2015) |ΓL|-dependent Polynomial Behavioral Model for RF Power Transistors 2015 IEEE MTT-S International Microwave Symposium (IMS), Phoenix, AZ, USA,

Published Reports

Dr Federico Milano


Professor Mark O'Malley


Other Publications
Professor Mark O'Malley