

Ewen Constant
Uwch Ddarlithydd
Cyfadran Cyfrifiadureg, Peirianeg a Gwyddoniaeth



Diddordebau ymchwil

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Domestic energy storage and reuse.
Demand side management of energy - domestic applications

Cymwysterau

15 Chwef 2022 → 15 Chwef 2024 Welsh Language Standards Course, Welsh Language Standards Course
5 Maw 2020 → 5 Maw 2023 Risk Assessment, Risk Assessment
18 Hyd 2017 → 18 Hyd 2020 Risk Assessment, Risk Assessment
8 Medi 2017 → 8 Medi 2020 Health and Safety Awareness for Managers, Health and Safety Awareness for Managers
22 Meh 2018 → 22 Meh 2020 Data Protection Briefing: GDPR edition, Data Protection Briefing: GDPR edition
22 Meh 2018 → 22 Meh 2020 Information Security Essentials, Information Security Essentials
23 Rhag 2020 → ... Criminal finances act 2017, Criminal finances act 2017
29 Meh 2020 → ... USW DEAL: Principles into Practice Short Course, USW DEAL: Principles into Practice Short Course
22 Ion 2020 → ... Module 1 - Quiz on Equality Diversity and Inclusion, Module 1 - Quiz on Equality Diversity and Inclusion
22 Ion 2020 → ... Module 2 - Quiz on Stereotypes Prejudice Assumptions and Unconscious Bias, Module 2 - Quiz on Stereotypes Prejudice Assumptions and Unconscious Bias
22 Ion 2020 → ... Module 3 - Quiz on Equality and the Law, Module 3 - Quiz on Equality and the Law
22 Ion 2020 → ... Module 3 - Quiz on Equality and the Law Types of Discrimination, Module 3 - Quiz on Equality and the Law Types of Discrimination
22 Ion 2020 → ... Module 4 - Quiz on Equality and USW, Module 4 - Quiz on Equality and USW
3 Ebrill 2019 → ... Introduction to Pure, Introduction to Pure
19 Gorff 2018 → ... TSL@USW: Developing your claim for Senior Fellow, TSL@USW: Developing your claim for Senior Fellow
10 Gorff 2018 → ... TSL@USW: Developing your claim for Senior Fellow, TSL@USW: Developing your claim for Senior Fellow
19 Meh 2018 → ... Inclusive Leadership Workshop, Inclusive Leadership Workshop
15 Mai 2018 → ... Management Leadership Programme - Leading Potential (Talent Management), Management Leadership Programme - Leading Potential (Talent Management)
14 Mai 2018 → ... Management Leadership Programme - Leading Potential (DPR), Management Leadership Programme - Leading Potential (DPR)
9 Mai 2018 → ... TSL@USW: Introduction to UKPSF for Claimants, TSL@USW: Introduction to UKPSF for Claimants
2 Mai 2018 → ... Health & Safety Training for Faculty Managers (ASM's), Health & Safety Training for Faculty Managers (ASM's)
2 Mai 2018 → ... Health and Safety Awareness for Managers, Health and Safety Awareness for Managers
12 Ebrill 2018 → ... Prevent Awareness Training, Prevent Awareness Training
28 Chwef 2018 → ... SEP Seminar Series Raising Aspirations, SEP Seminar Series Raising Aspirations
29 Tach 2017 → ... LEEP FCES SESSION 2, LEEP FCES SESSION 2
13 Gorff 2017 → ... Recruitment & Selection, Recruitment & Selection
6 Gorff 2017 → ... DPR Training, DPR Training
8 Mai 2017 → ... How to become a Fellow and Associate Fellow of the Higher Education Academy, How to become a Fellow and Associate Fellow of the Higher Education Academy
23 Tach 2016 → ... Fieldtrip & site visit procedure, Fieldtrip & site visit procedure
22 Ion 2014 → ... Risk Assessment, Risk Assessment
6 Meh 2000 → ... Chartered Engineering of the IET, CEng

Cyflogaeth

Uwch Ddarlithydd

Cyfadrn Cyfrifiadureg, Peirianeg a Gwyddoniaeth

Prifysgol De Cymru

1 Medi 2022 → present

Allbwn ymchwil

Overview of Energy Storage Technologies for Excess Renewable Energy Production

Thanapalan, K. & Constant, E., 16 Medi 2020, *WMSCI 2020 - 24th World Multi-Conference on Systemics, Cybernetics and Informatics, Proceedings*. Callaos, N. C., Hashimoto, S., Peoples, B. & Sanchez, B. (gol.). 24 gol. International Institute of Informatics and Systemics, Cyfrol 2. t. 91 - 95 5 t. (WMSCI 2020 - 24th World Multi-Conference on Systemics, Cybernetics and Informatics, Proceedings; Cyfrol 2).

Development of an advanced solar tracking energy system

Davies, S., Sivanathan, S., Constant, E. & Thanapalan, K., 10 Medi 2020, *Energy and Sustainable Futures: Proceedings of 2nd ICESF 2020*. Mporas, I., Kourtessis, P., Al-Habaibeh, A., Asthana, A., Vukovic, V. & Senior, J. (gol.). Springer, t. 77-82 6 t. (Springer Proceedings in Energy).

Intelligent Controller Design for a Sustainable Energy System

Thanapalan, K. & Constant, E., 3 Medi 2020, *Yn: Renewable Energy and Power Quality Journal (REandPQJ)*. 18, t. 139-143 5 t., 250.

Failure detection of composite materials in sport applications

Davies-Frey, D., Bowkett, M., Constant, E. & Thanapalan, K., 29 Meh 2020, *7th International Conference on Control, Decision and Information Technologies, CoDIT 2020*. Institute of Electrical and Electronics Engineers Inc., t. 563-567 5 t. 9263966. (2020 7th International Conference on Control, Decision and Information Technologies (CoDIT)).

Robust Controller Design for a Solar Powered Sustainable Energy System

Thanapalan, K., Constant, E. & Bowkett, M., 9 Medi 2019, *Proceedings of The International Conference on Energy and Sustainable Futures (ICESF) 2019: Nottingham Trent University, Nottingham, 9 to 11 September 2019*. Al-Habaibeh, A., Asthana, A. & Vukovic, V. (gol.). Nottingham: Nottingham Trent University Publications, t. 183 - 189 7 t.

Advanced Failure Prevention Mechanisms for Unmanned Aerial Vehicles

Thanapalan, K., Bowkett, M. & Constant, E., 6 Medi 2019, *2019 25th International Conference on Automation & Computing: Improving Productivity through Automation and Computing - Lancaster University, UK 5-7 September 2019*. Yu, H. (gol.). International Institute of Informatics and Systemics, t. 371 - 375 5 t.

System Sizing for solar powered sustainable energy systems designed for domestic use

Constant, E. & Bowkett, M., 1 Mai 2019.

Fracture Toughness Prediction of Composite Materials

Jones, B., Thanapalan, K. & Constant, E., 14 Chwef 2019, (Wedi'i dderbyn/Yn y wasg) *Proceedings of the 6th IEEE International Conference on Control, Decision and Information Technologies (CoDIT'19) , Paris, France, 23 -26 April, 2019*. Institute of Electrical and Electronics Engineers

System Sizing for Solar Powered Sustainable Energy System Designed for Domestic Users

Constant, E., Thanapalan, K. & Bowkett, M., 15 Ion 2019, (Wedi'i dderbyn/Yn y wasg) *Yn: Renewable Energy and Power Quality Journal (REandPQJ)*. 17, t. 172-176 5 t.

Capture and Storage of PV-Energy for Domestic Consumption

Constant, E., Thanapalan, K. & Bowkett, M., 10 Ebrill 2018, *Proceedings of the 5th IEEE International Conference on Control, Decision and Information Technologies (CoDIT'18), Thessaloniki, Greece, April 10 -13, 2018*.

Failure Detection of Composites with Control System Corrective Response in Drone System Applications

Bowkett, M., Thanapalan, K. & Constant, E., 9 Ebrill 2018, Yn: *International Symposium on Computer Science and Intelligent Control*. 7, 2, 19 t., 23.

Development of a solar powered self-sustainable energy system

Constant, E., Thanapalan, K. & Bowkett, M., Ebrill 2018, *International Conference on Renewable Energies and Power Quality (ICREPQ'18) Salamanca (Spain), 21th to 23th March, 2018*. t. 320-324 299. (Renewable Energy & Power Quality Journal; Cyfrol 1, Rhif 16).

Optimal Energy Storage Evaluation of a Solar Powered Sustainable System

Constant, E., Thanapalan, K. & Bowkett, M., 8 Maw 2018, *Proceedings of 2018 SICE International Symposium on Control Systems (SICE ISCS 2018): Tokyo City University, Tokyo, Japan, March 9-11, 2018*. Tokyo, Japan: Institute of Electrical and Electronics Engineers, t. 193-198 6 t. 8330175

Operational safety analysis and controller design of a dual drones system

Bowkett, M., Thanapalan, K. & Constant, E., 20 Hyd 2017, *In the Proceedings of the 2017 International Symposium on Computer Science and Intelligent Controls*. Budapest, Hungary

Dyfarniadau

Enhancing Universities' Contribution to Lead Climate Change through, Research, Learning and Community Engagement

Constant, E., Tan, C. & MOHAMED, M.

British Council: £35,000.00

1/02/22 → 31/07/22