



Biblioteca del Campus del Baix Llobregat
UNIVERSITAT POLITÈCNICA DE CATALUNYA



ENGINY20

Biblioteca del Campus del Baix Llobregat

**Informe mensual d'articles
publicats.**

Two decorative dashed lines, one blue and one black, that curve across the lower half of the page.

Abril i maig 2019

Informe mensual d'articles publicats Campus Baix Llobregat. Base de dades Scopus. Abril i maig 2019¹

EETAC

Badia, S., Martín, A. F., & [Olm, M.](#) (2019). Scalable solvers for complex electromagnetics problems. *Finite Elements in Analysis and Design*, 161, 16-31.

doi:[10.1016/j.finel.2019.04.003](https://doi.org/10.1016/j.finel.2019.04.003)

Caballe, M. C., Auge, A. C., [Lopez-Aguilera, E.](#), [Garcia-Villegas, E.](#), Demirkol, I., & Aspas, J. P. (2019). An alternative to IEEE 802.11ba: Wake-up radio with legacy IEEE 802.11 transmitters. *IEEE Access*, 7, 48068-48086. doi:[10.1109/ACCESS.2019.2909847](https://doi.org/10.1109/ACCESS.2019.2909847)



Fas-Millán, M., & [Pastor, E.](#) (2019). Controller-pilot data link communications display oriented to multiple remotely piloted aircraft pilots. *International Review of Aerospace Engineering*, 12(1), 1-11. doi:[10.15866/irease.v12i1.15535](https://doi.org/10.15866/irease.v12i1.15535)



Fas-Millán, M., & [Pastor, E.](#) (2019). Ntom: A concept of operations for pilots of multiple remotely piloted aircraft. *International Review of Aerospace Engineering*, 12(1), 12-25. doi:[10.15866/irease.v12i1.16153](https://doi.org/10.15866/irease.v12i1.16153)



[Fernandez-Fernandez, A.](#), [Cervello-Pastor, C.](#), [Ochoa-Aday, L.](#), & Grosso, P. (2019). An online power-aware routing in SDN with congestion-avoidance traffic reallocation. Paper presented at the *2018 IFIP Networking Conference IFIP Networking and Workshops, IFIP Networking 2018 - Proceedings*, 154-162.

doi:[10.23919/IFIPNetworking.2018.8696820](https://doi.org/10.23919/IFIPNetworking.2018.8696820)

¹ Articles obtinguts a la base de dades Scopus. Data de la cerca 03/06/2019

[Gasulla, M.](#), Ripoll-Vercellone, E., & [Reverter, F.](#) (2019). A compact thévenin model for a rectenna and its application to an RF harvester with MPPT. *Sensors (Switzerland)*, 19(7) doi:[10.3390/s19071641](https://doi.org/10.3390/s19071641)

[Gilabert, P. L.](#), [Montoro, G.](#), Vegas, D., Ruiz, N., & Garcia, J. A. (2019). Digital predistorters go multidimensional: DPD for concurrent multiband envelope tracking and outphasing power amplifiers. *IEEE Microwave Magazine*, 20(5), 50-61. doi:[10.1109/MMM.2019.2898021](https://doi.org/10.1109/MMM.2019.2898021)

[Huemer, C.](#), Pérez-Lantero, P., Seara, C., & Silveira, R. I. (2019). Matching points with disks with a common intersection. *Discrete Mathematics*, 342(7), 1885-1893. doi:[10.1016/j.disc.2019.03.003](https://doi.org/10.1016/j.disc.2019.03.003)

Ibáñez, D., [Rovira-Garcia, A.](#), Sanz, J., Juan, J. M., González-Casado, G., Jimenez-Baños, D., López-Echazarreta, C., Lapin, I. (2019). The gnss laboratory tool suite (glab) updates: Sbas, dgns and global monitoring system. Paper presented at the *ESA Workshop on Satellite Navigation Technologies and European Workshop on GNSS Signals and Signal Processing, NAVITEC*, , 2018-December doi:[10.1109/NAVITEC.2018.8642707](https://doi.org/10.1109/NAVITEC.2018.8642707)

Lechowicz, P., Rumipamba-Zambrano, R., Perelló, J., [Spadaro, S.](#), & Walkowiak, K. (2019). [Inter-core crosstalk impact on migration planning from elastic optical networks to spectrally-spatially flexible optical networks](#). Paper presented at the *2019 Optical Fiber Communications Conference and Exhibition, OFC 2019 - Proceedings*,

[León, O.](#), & Subbalakshmi, K. P. (2019). Cognitive radio network security. *Handbook of cognitive radio* (pp. 777-806) doi:[10.1007/978-981-10-1394-2_23](https://doi.org/10.1007/978-981-10-1394-2_23)

Onrubia, R., Pascual, D., [Park, H.](#), Camps, A., Rüdiger, C., Walker, J. P., & Moneris, A. (2019). Satellite cross-talk impact analysis in airborne interferometric global navigation satellite system-reflectometry with the microwave interferometric reflectometer. *Remote Sensing*, 11(9) doi:[10.3390/rs11091120](https://doi.org/10.3390/rs11091120)

Pawełek, A., Lichota, P., Dalmau, R., & [Prats, X.](#) (2019). Fuel-efficient trajectories traffic synchronization. *Journal of Aircraft*, 56(2), 481-492. doi:[10.2514/1.C034730](https://doi.org/10.2514/1.C034730)



- Peñaranda, A., Cantalapiedra, I. R., [Alvarez-Lacalle, E.](#), & Echebarria, B. (2019). *Electrophysiological effects of small conductance Ca^{2+} -activated K^{+} channels in atrial myocytes* doi:[10.1007/978-3-030-16585-7_2](#)
- Pham, Q. A., Lopez-Bueno, D., [Montoro, G.](#), & [Gilabert, P. L.](#) (2019). Dynamic selection and update of digital predistorter coefficients for power amplifier linearization. Paper presented at the *2019 IEEE Topical Conference on RF/Microwave Power Amplifiers for Radio and Wireless Applications, PAWR 2019*, doi:[10.1109/PAWR.2019.8708732](#)
- [Rebassa-Mansergas, A.](#), Parsons, S. G., Dhillon, V. S., Ren, J., Littlefair, S. P., Marsh, T. R., & [Torres, S.](#) (2019). Accurate mass and radius determinations of a cool subdwarf in an eclipsing binary. *Nature Astronomy*, doi:[10.1038/s41550-019-0746-7](#)
- [Sánchez-González, J.](#), Pérez-Romero, J., & Sallent, O. (2019). *A new self-planning methodology based on signal quality and user traffic in wi-fi networks* doi:[10.1007/978-3-030-19909-8_2](#)
- Sarmiento, S., Altabas, J. A., [Spadaro, S.](#), & Lazaro, J. A. (2019). Experimental assessment of 10 gbps 5G multicarrier waveforms for high-layer split U-DWDM-PON-based fronthaul. *Journal of Lightwave Technology*, 37(10), 2344-2351. doi:[10.1109/JLT.2019.2904114](#)
- Sekulic, I., Tzarouchis, D. C., Ylä-Oijala, P., [Ubeda, E.](#), & Rius, J. M. (2019). Enhanced discretization of surface integral equations for resonant scattering analysis of sharp-edged plasmonic nanoparticles. *Physical Review B*, 99(16) doi:[10.1103/PhysRevB.99.165417](#)
- [Serrano-Finetti, E.](#), [Casas, O.](#), & [Pallàs Areny, R.](#) (2019). Common mode electronic noise in differential circuits. *Measurement: Journal of the International Measurement Confederation*, 140, 207-214. doi:[10.1016/j.measurement.2019.04.028](#)
- Xue, X., Wang, F., Agraz, F., Pages, A., Pan, B., Yan, F., [Spadaro, S.](#), Calabretta, N. (2019). [Experimental assessment of SDN-enabled reconfigurable OPSquare data center](#)

[networks with QoS guarantees](#). Paper presented at the *2019 Optical Fiber Communications Conference and Exhibition, OFC 2019 - Proceedings*,

DEAB

Ferrer Llagostera, P., [Kallas, Z.](#), [Reig, L.](#), & Amores de Gea, D. (2019). The use of insect meal as a sustainable feeding alternative in aquaculture: Current situation, spanish consumers' perceptions and willingness to pay. *Journal of Cleaner Production*, 229, 10-21. doi:[10.1016/j.jclepro.2019.05.012](#)

Ferrer-Pérez, H., Arfini, F., & [Gil, J. M.](#) (2019). Modelling price transmission within the supply chain under a european protected designation of origin framework: The case of parmigiano reggiano in italy. *Social Sciences*, 8(3) doi:[10.3390/socsci8030087](#)

García-Mendivil, H. A., [Escudero, N.](#), & [Sorribas, F. J.](#) (2019). Host suitability of solanum torvum cultivars to meloidogyne incognita and M. javanica and population dynamics. *Plant Pathology*, doi:[10.1111/ppa.13036](#)

Guglielmini, A. C., [Verdú, A. M. C.](#), & Satorre, E. H. (2019). Reproductive allometry in four annual weeds. *Australian Journal of Botany*, 67(2), 99-105. doi:[10.1071/BT18087](#)

[Kallas, Z.](#), Varela, E., Čandek-Potokar, M., Pugliese, C., Cerjak, M., Tomažin, U., Karolyi, D., Aquilani, C., Vitale, M., [Gil, J. M.](#) (2019). Can innovations in traditional pork products help thriving EU untapped pig breeds? A non-hypothetical discrete choice experiment with hedonic evaluation. *Meat Science*, 154, 75-85. doi:[10.1016/j.meatsci.2019.04.011](#)

[Kallas, Z.](#), Vitale, M., & [Gil, J. M.](#) (2019). Health innovation in patty products. the role of food neophobia in consumers' non-hypothetical willingness to pay, purchase intention and hedonic evaluation. *Nutrients*, 11(2) doi:[10.3390/nu11020444](#)

Rodríguez-Abalde, Á., Guivernau, M., Prenafeta-Boldú, F. X., [Flotats, X.](#), & Fernández, B. (2019). Characterization of microbial community dynamics during the anaerobic co-digestion of thermally pre-treated slaughterhouse wastes with glycerin addition. *Bioprocess and Biosystems Engineering*, doi:[10.1007/s00449-019-02115-8](#)



Suárez-Vidal, E., Sampedro, L., Voltas, J., [Serrano, L.](#), Notivol, E., & Zas, R. (2019). Drought stress modifies early effective resistance and induced chemical defences of aleppo pine against a chewing insect herbivore. *Environmental and Experimental Botany*, 162, 550-559. doi:[10.1016/j.envexpbot.2019.04.002](https://doi.org/10.1016/j.envexpbot.2019.04.002)

Torres, M. A. O., [Kallas, Z.](#), & Herrera, S. I. O. (2019). Analysis of farmers' stated risk using lotteries and their perceptions of climate change in the northwest of mexico. *Agronomy*, 9(1) doi:[10.3390/agronomy9010004](https://doi.org/10.3390/agronomy9010004)



ESAB

Qiao, J. C., Wang, Q., Pelletier, J. M., Kato, H., Casalini, R., Crespo, D., [Pineda, E.](#), Yang, Y. (2019). Structural heterogeneities and mechanical behavior of amorphous alloys. *Progress in Materials Science*, 104, 250-329. doi:[10.1016/j.pmatsci.2019.04.005](https://doi.org/10.1016/j.pmatsci.2019.04.005)