

Congressos amb més articles

Campus del Baix Llobregat (CBL) - 2011





INTRODUCCIÓ

Es presenta la llista de congressos en les que més han participat els autors del CBL ordenat per centres. Si el centre no apareix vol dir que els congressos en el que han participat els seus autors no están buidats a l'SCOPUS.

Per a cada congrés s'inclou el llistat de contribucions de l'any 2011 i si forma part dels congressos notables UPC.

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CTTC

IEEE Vehicular Technology Conference

7

(Notable per la UPC)

- Berbakov, L., Antón-Haro, C., & Matamoros, J. (2011). [Distributed beamforming with sidelobe control using one bit of feedback](#). *IEEE Vehicular Technology Conference*,
- Cocco, G., Ibars, C., Gündüz, D., & Del Rio Herrero, O. (2011). [Collision resolution in slotted ALOHA with multi-user physical-layer network coding](#). *IEEE Vehicular Technology Conference*,
- Di Renzo, M., Alonso, L., Fitzek, F. H. P., Foglar, A., Granelli, F., Graziosi, F., . . . Verikoukis, C. (2011). [GREENET - an early stage training network in enabling technologies for green radio](#). *IEEE Vehicular Technology Conference*,
- Galindo-Serrano, A., Giupponi, L., & Auer, G. (2011). [Distributed learning in multiuser OFDMA femtocell networks](#). *IEEE Vehicular Technology Conference*,
- Núñez-Martínez, J., Ferragut, J., & Mangles-Bafalluy, J. (2011). [On stateless routing for an all-wireless network of femtocells. implications in the 3GPP architecture](#). *IEEE Vehicular Technology Conference*,
- Payaró, M., Pascual-Iserte, A., García-Armada, A., & Sánchez-Fernández, M. (2011). [Resource allocation in multi-antenna MAC networks: FBMC vs OFDM](#). *IEEE Vehicular Technology Conference*,
- Shaat, M., & Bader, F. (2011). [Optimal power allocation algorithm for OFDM-based decode-and-forward dual-hop cognitive systems](#). *IEEE Vehicular Technology Conference*,

IEEE International Conference on Communications

6

(Notable per la UPC)

- Adelantado, F., & Verikoukis, C. (2011). [A non-parametric statistical approach for malicious users detection in cognitive wireless ad-hoc networks](#). *IEEE International Conference on Communications*,
- Aguerri, I. E., & Gündüz, D. (2011). [Expected distortion with fading channel and side information quality](#). *IEEE International Conference on Communications*,
- Alonso-Zarate, J., Stavrou, E., Stamou, A., Angelidis, P., Alonso, L., & Verikoukis, C. (2011). [Energy-efficiency evaluation of a medium access control protocol for cooperative ARQ](#). *IEEE International Conference on Communications*,
- Antonopoulos, A., & Verikoukis, C. (2011). [Network coding-based cooperative ARQ scheme](#). *IEEE International Conference on Communications*,
- Cocco, G., Gündüz, D., & Ibars, C. (2011). [Throughput analysis in asymmetric two-way relay channel with random access](#). *IEEE International Conference on Communications*,
- Wang, J., & Payaró, M. (2011). [Is transmit beamforming robust?](#) *IEEE International Conference on Communications*,



International Conference on Transparent Optical Networks

6

(Notable per la UPC)

- Bukva, A., Casellas, R., Martínez, R., & Muñoz, R. (2011). [Enhanced dynamic VNT configuration in GMPLS controlled ethernet over WSON with timer-based lightpath holding time.](#) *International Conference on Transparent Optical Networks,*
- Chochol, M., & Fabrega, J. M. (2011). [Frequency offset compensation loop for 16-QAM optical coherent systems.](#) *International Conference on Transparent Optical Networks,*
- Fabrega, J. M., Svaluto Moreolo, M., & Junyent, G. (2011). [Constant envelope coherent optical OFDM based on fast hartley transform.](#) *International Conference on Transparent Optical Networks,*
- Martínez, R., Casellas, R., Muñoz, R., & Vilalta, R. (2011). [Requirements and enhancements for the evolution of the GMPLS control plane of the ADRENALINE testbed to support multi-layer \(MPLS-TP/WSON\) capabilities.](#) *International Conference on Transparent Optical Networks,*
- Nadal, L., Svaluto Moreolo, M., Fabrega, J. M., & Junyent, G. (2011). [Comparison of peak power reduction techniques in optical OFDM systems based on FFT and FHT.](#) *International Conference on Transparent Optical Networks,*
- Svaluto Moreolo, M., Fàbrega, J. M., Nadal, L., & Junyent, G. (2011). [FHT-based architectures for multicarrier modulation in direct detection and coherent optical systems.](#) *International Conference on Transparent Optical Networks,*

EETAC

IFMBE Proceedings

3

(Notable per la UPC)

- Aliau, C., & Pallas-Areny, R. (2011). [Effects of stray capacitance to ground in tetrapolar bioimpedance measurements.](#) *IFMBE Proceedings, , 37 1225-1228.*
- Luna-Lozano, P. S., & Pallas-Areny, R. (2011). [Power-line interference in the ECG obtained with capacitive electrodes.](#) *IFMBE Proceedings, , 37 910-913.*
- Serrano-Finetti, E., Casanella, R., Luna-Lozano, P. S., & Pallas-Areny, R. (2011). [Unobtrusive measurement of heart rate on a single hand by impedance plethysmography.](#) *IFMBE Proceedings, , 37 1221-1224.*



2011 7th EURO-NGI Conference on Next Generation Internet Networks, NGI 2011 –
Proceedings

2

- Magaia, N., Pereira, P. R., Casaca, A., Rodrigues, J. J. P. C., Dias, J. A., Isento, J. N., . . . Gallego, J. (2011). [Bundles fragmentation in vehicular delay-tolerant networks](#). *2011 7th EURO-NGI Conference on Next Generation Internet Networks, NGI 2011 - Proceedings*,
- Rodrigues, J. J. P. C., Dias, J. A., Isento, J. N., Silva, B. M., Soares, V. N. G. J., Magaia, N., . . . Gallego, J. (2011). [The vehicular delay-tolerant networks \(VDTN\) euro-NF joint research project](#). *2011 7th EURO-NGI Conference on Next Generation Internet Networks, NGI 2011 - Proceedings*,

IEEE International Conference on Communications

2

(Notable per la UPC)

- Alonso-Zarate, J., Stavrou, E., Stamou, A., Angelidis, P., Alonso, L., & Verikoukis, C. (2011). [Energy-efficiency evaluation of a medium access control protocol for cooperative ARQ](#). *IEEE International Conference on Communications*,
- Bhaskaran, K., Triay, J., & Vokkarane, V. M. (2011). [Dynamic anycast routing and wavelength assignment in WDM networks using ant colony optimization \(ACO\)](#). *IEEE International Conference on Communications*,

I2CAT Foundation

Proceedings of the 6th International Conference on Future Internet Technologies,

CFI11

1

- Gonzalez, A. J., Alcober, J., Martin-De-Pozuelo, R., Pinyol, F., Gutierrez, A., & Monguet, J. M. (2011). [Costing framework for service-oriented future internet architectures: Empowering requester's choice](#). *Proceedings of the 6th International Conference on Future Internet Technologies, CFI11*, 84-90.

Proceedings - IEEE International Conference on Multimedia and Expo

1

- Gonzalez, A. J., Alcober, J., De Pozuelo, R. M., Pinyol, F., & Ghafoor, K. Z. (2011). [Context-aware multimedia service composition using quality assessment](#). *Proceedings - IEEE International Conference on Multimedia and Expo*,



ICFO

Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011 29

- Austin, D. R., & Walmsley, I. A. (2011). [Quantum-path interferometry for high-harmonic generation](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Beduini, F. A., & Mitchell, M. W. (2011). [Many-particle pairwise entanglement induced by temporal anti-correlation of a stokes parameter](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Behbood, N., Dubost, B., Napolitano, M., Koschorreck, M., Sewell, R. J., Toth, G., & Mitchell, M. (2011). [Generation of a macroscopic singlet state in an atomic ensemble](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Cárdenas-Sevilla, G. A., Finazzi, V., Villatoro, J., & Pruneri, V. (2011). [Photonic crystal fiber sensor array based on cladding mode resonance](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Cere, A., Wolfgramm, F., Beduini, F. A., Predojevic, A., Koschorreck, M., & Mitchell, M. W. (2011). [Experimental light-squeezing-enhanced magnetometry](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Chaitanya Kumar, S., Samanta, G. K., Devi, K., Sanguinetti, S., & Ebrahim-Zadeh, M. (2011). [High-power, single-frequency ti:Sapphire laser pumped by a continuous-wave fiber laser green source](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Chalus, O., Schunemann, P. G., Zawilski, K. T., Biegert, J., & Ebrahim-Zadeh, M. (2011). [Mid-infrared optical parametric generation in CdSiP₂](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Ebrahim-Zadeh, M. (2011). [Optical parametric oscillators spanning the ultraviolet to mid-infrared](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Esteban-Martin, A., Chaitanya Kumar, S., & Ebrahim-Zadeh, M. (2011). [Optimum output coupling in optical oscillators using antiresonant ring interferometry](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Esteban-Martin, A., Ramaiah-Badarla, V., Petrov, V., & Ebrahim-Zadeh, M. (2011). [Broadband, rapidly tunable, BiB₃O₆ femtosecond optical parametric oscillator directly pumped by a ti:Sapphire](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,



- Huwer, J., Piro, N., Schug, M., Ghosh, J., & Eschner, J. (2011). [Entanglement-preserving absorption of single SPDC photons by a single atom](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Jofre, M., Steinlechner, F., Anzolin, G., Amaya, W., Capmany, J., Ursin, R., . . . Pruneri, V. (2011). [Active and passive optical sources for QKD](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Kumar, S. C., & Ebrahim-Zadeh, M. (2011). [Fiber-laser-pumped, high-power, continuous-wave, singly-resonant optical parametric oscillator based on MgO:SPPLT](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Lobanov, V. E., Kartashov, Y. V., Konotop, V. V., Vysloukh, V. A., & Torner, L. (2011). [Stable fundamental and vortex solitons supported by localized gain](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Minardi, S., Eilenberger, F., Kartashov, Y. V., Szameit, A., Röpke, U., Kobelke, J., . . . Pertsch, T. (2011). [Dynamics of light bullets in two-dimensional arrays of waveguides](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Napolitano, M., Koschorreck, M., Dubost, B., Behbood, N., Sewell, R. J., & Mitchell, M. W. (2011). [Interaction-based quantum metrology giving a scaling beyond the heisenberg limit](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
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- Sapienza, R., Leonetti, M., Froufe-Perez, L. S., Galisteo-López, J. F., Conti, C., & López, C. (2011). [Optical amplification enhancement in photonic crystals](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Serrat, C., & Biegert, J. (2011). [XUV to SXR enhancement in HHG with a quasi-static electric field](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
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- Steinlechner, F., Trojek, P., Jofre, M., Gardelein, A., Weinfurter, H., & Pruneri, V. (2011). [A high brightness source of polarization entangled photons](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,



- Tajalli, A., McCabe, D., Austin, D. R., & Chatel, B. (2011). [Space-time coupling of shaped ultrafast ultraviolet pulses from an acousto-optic programmable dispersive filter](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Takayama, O., Nikitin, A. Y., Martin-Moreno, L., Garcia-Vidal, F., & Artigas, D. (2011). [Resonant transmission mediated by dyakonov surface waves](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Thai, A., Chalus, O., Bates, P. K., & Biegert, J. (2011). [High stability 100 kHz mid-IR OPCPA with passive CEP stability](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Thai, A., Skrobol, C., Bates, P. K., Arisholm, G., Major, Z., Krausz, F., . . . Biegert, J. (2011). [Effects of nonlinear refractive index on few-cycle PW-class OPCPA](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
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- Tulli, D., Janner, D., & Pruneri, V. (2011). [All-optical electric field sensor in domain inverted LiNbO3 for harsh environment](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,
- Wolfgramm, F., Cerè, A., De Icaza Astiz, Y. A., Beduini, F. A., & Mitchell, M. W. (2011). [Improvement of an atomic measurement by multi-photon interference](#). 2011 Conference on Lasers and Electro-Optics Europe and 12th European Quantum Electronics Conference, CLEO EUROPE/EQEC 2011,

Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011

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- Behbood, N., Dubost, B., Napolitano, M., Koschorreck, M., Sewell, R. J., Tóth, G., & Mitchell, M. W. (2011). [Generation of a macroscopic singlet state in an atomic ensemble](#). *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011*,
- Chalus, O., Esteban-Martin, A., Schunemann, P. G., Zawilski, K. T., Biegert, J., & Ebrahim-Zadeh, M. (2011). [Optical parametric generation of mid-infrared picosecond pulses beyond 6 \$\mu\text{m}\$ in CdSiP2](#). *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011*,
- Cousin, S. L., Bueno, J. M., Forget, N., Austin, D. R., & Biegert, J. (2011). [Compact spatio-temporal ultrashort pulse characterisation using a pulse shaper and a wavefront sensor](#). *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011*,
- Curto, A. G., Volpe, G., Taminiau, T. H., Kreuzer, M., Quidant, R., & Van Hulst, N. F. (2011). [Unidirectional emission of a quantum dot coupled to an optical nanoantenna](#).



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- Dombi, P., Rácz, P., Fekete, J., Thai, A., Teichmann, S., Chalus, O., . . . Biegert, J. (2011). [Ultrafast, surface plasmon enhanced strong-field photoemission with a mid-IR OPCPA.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Eilenberger, F., Minardi, S., Pshenay-Severin, E., Kartashov, Y., Szameit, A., Ropke, U., . . . Pertsch, T. (2011). [Observation of nonlinear light bullets in waveguide arrays.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Esteban-Martin, A., Samanta, G. K., & Ebrahim-Zadeh, M. (2011). [Frequency-modulation-mode-locked optical parametric oscillator.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Kirkwood, S. E., Golin, S., Chalus, O., Thai, A., Biegert, J., Klug, D. D., . . . Corkum, P. B. (2011). [Crystal structure measured by nonlinear absorption using 3.1 \$\mu\text{m}\$ femtosecond laser pulses.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Kumar, S. C., & Ebrahim-Zadeh, M. (2011). [Fiber-laser-pumped, high-power, continuous-wave, mid-infrared optical parametric oscillator based on MgO:SPPLT.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Kumar, S. C., Esteban-Martin, A., Kokabee, O., & Ebrahim-Zadeh, M. (2011). [Interferometric output coupling of a high-power picosecond ring optical parametric oscillator.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Moreolo, M. S., Fabrega, J. M., & Junyent, G. (2011). [Characterization of fast and power efficient optical OFDM transmission system based on hartley transform.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Samanta, G. K., & Ebrahim-Zadeh, M. (2011). [Dual-wavelength, two-crystal, continuous-wave singly resonant optical parametric oscillator.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Silva, F., Austin, D. R., Couairon, A., Bates, P. K., & Biegert, J. (2011). [3-octave high-energy supercontinuum from visible to mid-IR.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Silva, F., Bates, P. K., Esteban-Martin, A., Ebrahim-Zadeh, M., Grun, A., Cousin, S., & Biegert, J. (2011). [Few-cycle CEP-stable source at 2.1 \$\mu\text{m}\$ based on collinear OPA in BiB 3O6.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Thai, A., Chalus, O., Bates, P. K., & Biegert, J. (2011). [Passively carrier-envelope phase stable mid-IR OPCPA source at 100 kHz repetition rate.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*
 - Thai, A., Skrobol, C., Bates, P. K., Arisholm, G., Major, Z., Krausz, F., . . . Biegert, J. (2011). [3D OPCPA simulations for a petawatt class system including nonlinear refractive index effects.](#) *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011,*



- Wolfgramm, F., Cere, A., De Icaza Astiz, Y. A., Beduini, F. A., Predojevic, A., Koschorreck, M., & Mitchell, M. W. (2011). [Quantum-light-enhanced optical magnetometry](#). *2011 Conference on Lasers and Electro-Optics: Laser Science to Photonic Applications, CLEO 2011*,

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Joint Urban Remote Sensing Event, JURSE 2011 1

- Cuevas, M., Monserrat, O., Crosetto, M., & Crippa, B. (2011). [A new product from persistent scatterer interferometry: The thermal dilation maps](#). *2011 Joint Urban Remote Sensing Event, JURSE 2011 - Proceedings*, 285-288.