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Number of items: **301**.

2014

Qassim, Hammam, Miatto, Filippo M., Torres, Juan P., Padgett, Miles J., Karimi, Ebrahim, and Boyd, Robert W. (2014) *Limitations to the determination of a Laguerre-Gauss spectrum via projective, phase-flattening measurement*. Journal of the Optical Society of America B: Optical Physics, 31 (6). A20-A23. ISSN 0740-3224 (doi:10.1364/JOSAB.31.000A20)

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Speirits, Fiona C., Lavery, Martin P. J., Padgett, Miles J., and Barnett, Stephen M. (2014) *Optical angular momentum in a rotating frame*. Optics Letters, 39 (10). pp. 2944-2946. ISSN 0146-9592 (doi:10.1364/OL.39.002944)

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Padgett, Miles (2014) *A new twist on the Doppler shift*. Physics Today, 67 (2). pp. 58-59. ISSN 0031-9228 (doi:10.1063/PT.3.2286)

Karimi, Ebrahim, Giovannini, Daniel, Bolduc, Eliot, Bent, Nicolas, Miatto, Filippo M., Padgett, Miles J., and Boyd, Robert W. (2014) *Exploring the quantum nature of the radial degree of freedom of a photon via Hong-Ou-Mandel interference*. Physical Review A: Atomic, Molecular and Optical Physics, 89 (1). 013829. ISSN 1050-2947 (doi:10.1103/PhysRevA.89.013829)

Melik, M., Mirhosseini, M., Lavery, M.P.J., Leach, J., Padgett, M.J., and Boyd, R.W. (2014) Direct measurement of a 27-dimensional

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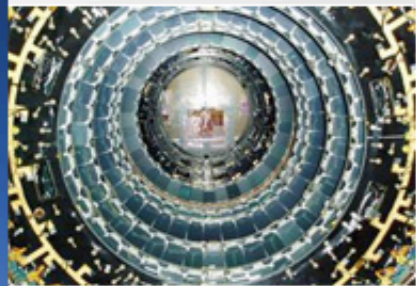
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Leach, Jonathan, Jack, Barry, Romero, Jacqui, Jha, Anand K., Yao, Alison M., Franke-Arnold, Sonja, Ireland, David G., Boyd, Robert W., Barnett, Stephen M., and Padgett, Miles J. (2010) **Quantum correlations in optical angle-orbital angular momentum variables.** *Science*, 329 (5992). pp. 662-665. ISSN 0036-8075 (doi:10.1126/science.1190523)

O'Holleran, K, Dennis, MR, Flossmann, F, and **Padgett, MJ** (2008) **Fractality of light's darkness.** *Physical Review Letters*, 100 (5). 053902. ISSN 0031-9007 (doi:10.1103/PhysRevLett.100.053902)

Dennis, M.R., King, R.P., Jack, B., O'Holleran, K., and **Padgett, M.J.** (2010) **Isolated optical vortex knots.** *Nature Physics*, 6 (2). pp. 118-121. ISSN 1745-2473 (doi:10.1038/NPHYS1504)

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Lavery, M.P.J, Speirits, F.C., Barnett, S.M., and Padgett, M.J. (2013) **Detection of a spinning object using light's orbital angular momentum.** *Science*, 341 (6145). pp. 537-540. ISSN 0036-8075 (doi:10.1126/science.1239936)

Dada, Adetunmise C., **Leach, Jonathan**, Buller, Gerald S., **Padgett, Miles J.**, and Andersson, Erika (2011)



Urban transportation research

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Books

[Thakuriah, P.](#), and Geers, G. (2013) [Transportation and Information: Trends in Technology and Policy](#). Series: Springer briefs in computer science . Springer, New York, NYC, USA. ISBN 9781461471288

[Bailey, N.](#), Barnes, H., [Livingston, M.](#), and Maclellan, D. (2013) [Understanding neighbourhood population dynamics for neighbourhood effects research: A review of recent evidence and data source developments](#). In: Manley, D., van Ham, M., Bailey, N., Simpson, L. and Maclellan, D. (eds.) Understanding Neighbourhood Dynamics: New Insights for Neighbourhood Effects Research. Springer, Dordrecht, pp. 23-42. ISBN 9789400748538

[Thakuriah, P. \(General Chair\)](#) (2011) [Proceedings of 4th ACM SIGSPATIAL International Workshop on Computational Transportation Science](#). ACM Press, New York, NYC, USA. ISBN 9781450310345

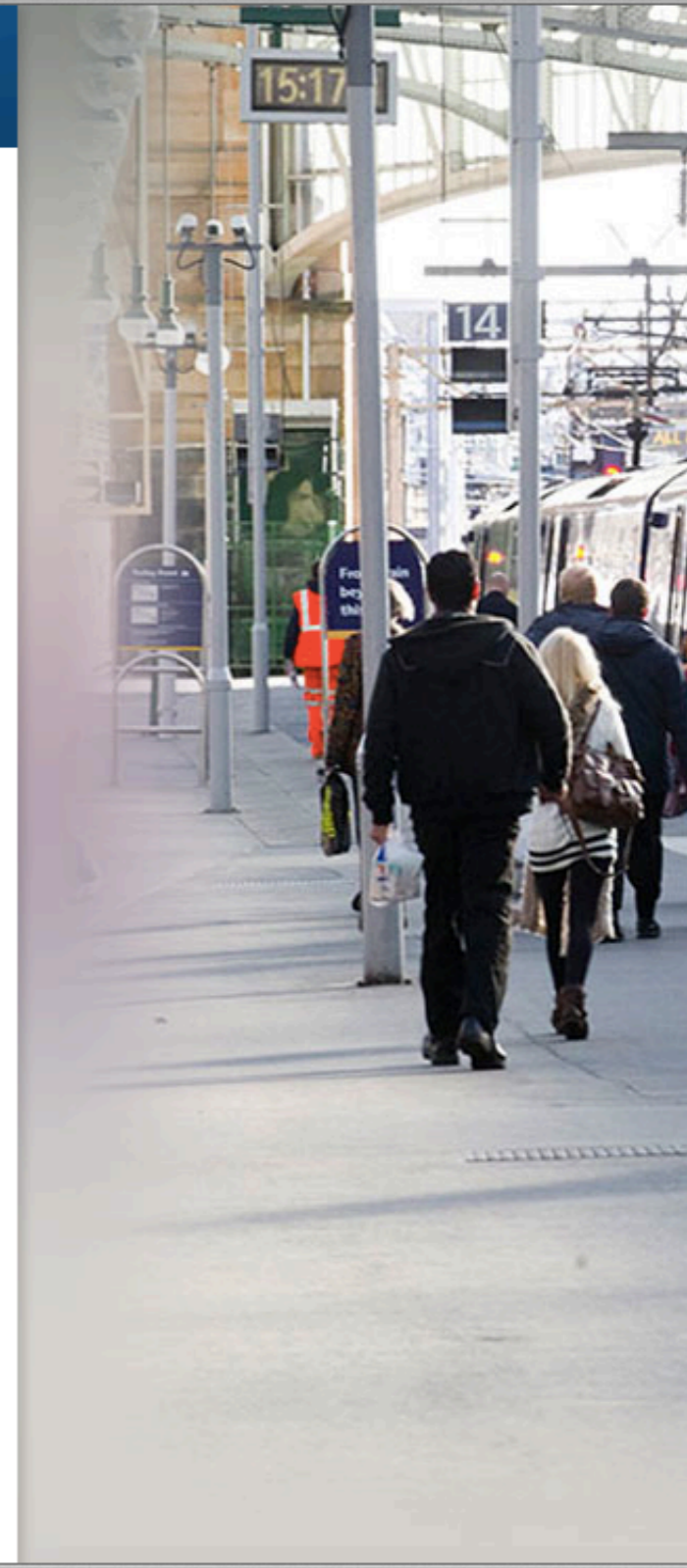
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Articles

Geroliminis, Nikolas, Zheng, Nan, and [Ampountolas, Konstantinos](#) (2014) [A three-dimensional macroscopic fundamental diagram for mixed bi-modal urban networks](#). [Transportation Research Part C: Emerging Technologies](#), 42 . pp. 168-181. ISSN 0968-090X (doi:[10.1016/j.trc.2014.03.004](#))

[Hong, J.](#), and Goodchild, A. (2014) [Land use policies and transport emissions: Modeling the impact of trip speed, vehicle characteristics and residential location](#). [Transportation Research Part D: Transport and the Environment](#)



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