



UNIVERSITÀ DEGLI STUDI DELL'AQUILA

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Curriculum scientifico

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Carlo Rizza, attualmente è professore esterno e borsista di ricerca presso il Dipartimento di Ingegneria Industriale e dell'Informazione e di Economia (DIIE), Università degli studi di L'Aquila. I suoi interessi di ricerca si sono concentrati principalmente sullo studio teorico dell'interazione radiazione-materia in materiali nonlineari (Kerr, fotorifrattivi) e in metamateriali (per esempio materiali con costante dielettrica molto vicina a zero, materiali compositi a base di grafene). Ha ricevuto la laurea di I (2002) e di II livello (2004) in Fisica, 110/110 e lode, presso l'Università degli studi dell'Aquila. Ha conseguito il dottorato di ricerca nel 2008 presso l'Università degli studi dell'Aquila discutendo la tesi riguardante la propagazione di solitoni in reticoli di riflessione. Nel 2008 ha ricevuto una borsa di studio presso il CNR-INFM CRS SOFT (Roma) e ha vinto due anni di assegno di ricerca presso il dipartimento di Ingegneria Elettrica, Università degli studi dell'Aquila. Nel 2011 è stato ospite accademico presso la Scuola di Fisica e Astronomia, Università di St. Andrews, in Scozia. Dal 2011 al 2014 è stato assegnista di ricerca e coordinatore dell'unità locale nel progetto "Futuro in Ricerca" FIRB-Phocos-RBFR08E7VA presso il dipartimento di Scienza e Alta Tecnologia, Università degli Studi dell'Insubria. Dal 2014 al 2016 è stato assegnista di ricerca del dipartimento di Scienza e alta Tecnologia come responsabile del progetto "Reconfigurable optically-induced meta-atoms patterns in semiconductors? (INAS132194). Nel 2016 è stato ricercatore a tempo determinato presso l'istituto CNR-SPIN (AQ). È autore di 55 articoli (46 articoli su riviste internazionali e 9 "proceedings" con "peer review". Il suo h-index è di 11 (<https://www.scopus.com>).

ELENCO DELLE PUBBLICAZIONI SU RIVISTE INTERNAZIONALI CON ?PEER REVIEW?

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