



Achim Richter, Dr. rer. nat.

Professor der Physik

Technische Universität Darmstadt

ARBEITSVORHABEN

Elementare Anregungen des Atomkerns; Quantenchaos; Physik der schweren Ionen

DIENSTAGSKOLLOQUIUM, 17.11.1998

Billardspiel mit Mikrowellen - Experimente zum Quantenchaos

Richter, Achim (New York, NY [u.a.],2001)

Test of trace formulas for spectra of superconducting microwave billiards

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=1725991489>

Richter, Achim (2000)

Frequency and width crossing of two interacting resonances in a microwave cavity

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=1067363440>

Richter, Achim (College Park, Md.,2000)

Theoretical description and experimental detection of the interference between parametric X radiation and coherent bremsstrahlung

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=782814395>

Richter, Achim (Ridge, NY,2000)

Parametric x rays observed under Bragg condition : boost of intensity by a factor of two

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=782797113>

Richter, Achim (Ridge, NY,2000)

First experimental evidence for chaos-assisted tunneling in a microwave annular billiard

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=782788122>

Richter, Achim (Ridge, NY,2000)

Comment on "Accelerated emission of gamma rays from the 31-yr Isomer of ^{178}Hf induced by x-ray irradiation"

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=782765696>

Richter, Achim (Ridge, NY,1999)

Spin and orbital magnetic quadrupole resonances in ^{48}Ca and ^{90}Zr from ^{180}O electron scattering

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=782812945>

Richter, Achim (1999)

Photoactivation of ^{180}Ta m and its implications for the nucleosynthesis of nature`s rarest naturally occurring isotope

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=782800009>

Richter, Achim (Amsterdam,1999)

Low-energy magnetic dipole response in the ^{57}Fe (...) reaction*

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=782793134>

Richter, Achim (Ridge, NY,1999)

I-Forbidden M_1 transition in ^{32}S : a test of tensor corrections to the magnetic dipole operator

<https://kxp.k10plus.de/DB=9.663/PPNSET?PPN=782792596>