

Articles in international journals:

- P. Jaming, M. Matolcsi, P. Móra, F. Szöllősi, M. Weiner: "A generalized Pauli problem and an infinite family of MUB-triplets in dimension 6". To appear in *J. Phys. A*.
arXiv:0902.0882.
- D. Petz, A. Szántó, M. Weiner: Complementarity and the algebraic structure of 4-level quantum systems. To appear in *IDA-QP*.
arXiv:0802.2391
- M. Weiner: Restricting positive energy representations of $\text{Diff}^+(S^1)$ to the stabilizer of n points. *Commun. Math. Phys.*, **277** (2008), no. 2.
arXiv:math/0703336
- M. Weiner: Conformal covariance and positivity of energy in charged sectors. *Commun. Math. Phys.* **265** (2006)
arXiv:math-ph/050766
- S. Carpi, M. Weiner: On the uniqueness of diffeomorphism symmetry in conformal field theory. *Commun. Math. Phys.* **258** (2005)
arXiv:math/0407190
- Sz. Farkas, Z. Kurucz, M. Weiner: Poincaré covariance of relativistic quantum position. *Int. J. Theor. Phys.* **41** (2002).
arXiv:quant-ph/0009102
- S.V. Akkelin, T. Csörgő, B. Lukács, Yu.M. Sinyukov, M. Weiner: Simple solutions of fireball hydrodynamics for selfsimilar elliptic flows. *Phys. Lett. B* **505** (2001).
arXiv:hep-ph/0012127

Articles in conference proceedings:

- S. Carpi, M. Weiner: Uniqueness of the $\text{Diff}^+(S^1)$ symmetry for local nets of von Neumann algebras. In: "Advances in Operator Algebras and Mathematical Physics", pg. 43–46. Proceedings of the Conference held in Sinaia, Romania, June 2003, (Boca F. et al. eds.) Theta Series in Advanced Mathematics, Bucharest 2005.

Articles under peer-review:

- M. Weiner: "A gap for the maximum number of mutually unbiased bases." Submitted to the *London Mathematical Society*.
arXiv:0902.0635

Other publications:

- M. Weiner: Conformal Covariance and Related Properties of Chiral QFT. PhD Thesis in Pure Mathematics, University of Rome "Tor Vergata", 2005.
arXiv:math/0703336