Dear Colleague,

A short time ago, we suggested an initiative by which we could bring the use of Wigner functions in quantum transport to a more prominent position in the stable of computational techniques. To further this idea, David Ferry suggested a special issue of the *Journal of Computational Electronics*, devoted to the Wigner function—theory, numerical approaches, and applications. This special issue will have David Ferry, Mihail Nedjalkov, and Josef Weinbub as guest editors. We invite you to submit your recent original work for this special issue. Deadline for submission is **June 1, 2015,** and this is a hard deadline as we plan to make the September issue of the journal.

The motivation for this special issue is twofold; first, to highlight the fact that the Wigner function can be applied to a wide range of topical areas, particularly time dependent quantum transport (see the December 2013 issue of the journal for a special issue on this topic); and second, to provide a common platform for all researchers active in the field of Wigner formalism to present their current research and interests, as well as providing a common understanding of where the field lies in a broad range of topical areas.

For example, today we have both deterministic and Monte Carlo methods for the time-dependent solution of the Wigner equation. These recently have been extended to DFT and time-dependent *ab-initio* calculations. The core components are clearly applicable in fields beyond semiconductor transport, such as the wider topic of non-equilibrium statistical physics.

We hope that you will decide to join us and submit your work to this special issue. We believe that this is one decidedly good approach to bringing the community together, highlighting the increasingly important role of Wigner functions in computational science.

All the best,

Mihail (Mixi) and Jean-Michel

Submission of papers will take place at the usual journal webpage. There will be a link to specify the special issue nature of your submission, and this will assure that it gets into the proper queue where the three of us can handle the paper review in a timely and proper manner. Once papers are accepted, they will be rapidly typeset and appear on the journal website under the "online first" section. These papers will carry a clear DOI number, so they are searchable and citable well before the actual issue appears. The journal's 2013 impact factor is 1.372.