

# Foundations of Physics and Chemistry

The journal has been founded with the primary intent of developing what is now known as the first post Einsteinian paradigm shift, the Einstein-Cartan-Evans (ECE) theory, in all its ramifications in pure and applied physics and chemistry, notably the search for new energy. The secondary intention is to allow voices to be heard that would otherwise echo in the wilderness. In other words to allow authors to contribute high quality articles which may not agree with the dogmatic standard model of physics. The foundations of physics and chemistry are not set in concrete or written in marble, they are forever changing from generation to generation, each making its own worthy contribution. So there can never be a standard physics, one cannot stop the tide of new ideas. The ECE field theory is more and more regarded as having achieved the unification of the four force fields, currently thought to be gravitation, electromagnetism, and weak and strong nuclear. The journal welcomes papers on the consequences of this unified field theory in disciplines from philosophy to engineering. The scope of the journal is interpreted broadly, and it covers both pure and applied physics and chemistry. The structure of the ECE theory is such that ideas based on geometry can be used for practical purposes because they can be transformed quickly into equations in engineering. That was not possible in the now obsolete dogma of the twentieth century known as the standard model of physics. Papers on geometry itself are also welcomed. Currently ECE is based on Cartan's well known differential geometry, with its two structure equations, but other formats of geometry are equally valid.

The journal institutes a new method of refereeing, in which the names of the referees are known to the authors. Invited review articles are welcomed and the response to the first invitations has also been very positive. Another feature of the journal is that papers will not be accepted on dogma, however well known, that is now thought by the Editorial Board to be obsolete. The Editorial Board is a working board of editors, not an honorary board. Its Editor Emeritus is Professor Emeritus Alwyn van der Merwe, probably the most distinguished physics editor of the late twentieth century, open minded and fair in judgment, he needs no introduction from me. So we are ready to break the hold of unimaginative and obsolete dogmatists on theoretical physics and allied subject areas. It is generally thought that the twentieth century in physics started well, but ended in intellectual failure in a morasse of irrelevant complexity that cannot be tested experimentally - Idols of the Cave. The new journal encourages a return to the foundations of physics and chemistry: the Baconian philosophy and the Ockham Razor.

*Editor-in-Chief:* Prof. Myron Evans

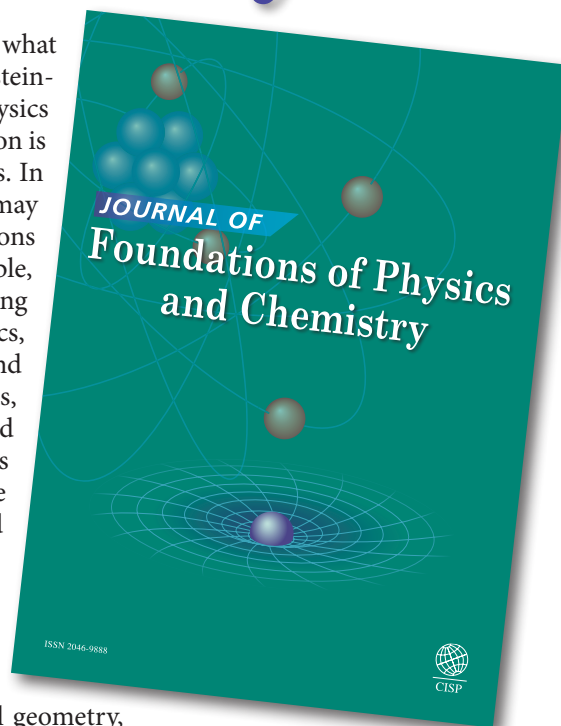
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## **SOME ARTICLES PUBLISHED IN RECENT ISSUES**

*Failure of Einstein's theory of light deflection and non-zero photon mass*

*Derivation of the quantum Hamilton equations of motion and refutation of the Copenhagen interpretation*

*Reduction of the ECE theory of electromagnetism to the Maxwell-Heaviside theory,*

*Development of the quantum Hamilton equations*

*On quasi-distributions in quantum optics*

*Determination of photon mass from Compton scattering*

*Criticisms of the theory of absorption and Raman scattering*

*The R spectra of atoms and molecules*