

QED Radiations

Classical physics assumes the atom always has heat capacity. Quantum mechanics differs by requiring the heat capacity to vanish at the nanoscale.

Simulations of heat transfer in nanostructures using classical physics instead of quantum mechanics- give unphysical results:

- * Nanofluids violate mixing rules
- * Thermal conductivity depends on size
- * Nanostructures do not charge
- * The Universe is expanding
- * Nanoparticles do not damage DNA
- * Discrete Molecular Dynamics invalid
- * and many others.

QED induced radiation based on the vanishing heat capacity of the atom by quantum mechanics avoids the unphysical when conserving heat by creating photons instead of increasing temperature

The QED photons created in < 100 nm nanostructures under the confinement of total internal reflection have high Planck energy that charge the nanostructure by the photoelectric effect, and if not, are emitted to the surroundings.

QED Radiations was founded by Thomas Prevenslik, a retired American living in Hong Kong, who frequently travels to China, Europe and the USA.



Is your nanotechnology research outdated - based on classical physics and thus unable to explain unphysical observations?

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If so, arrange for an illuminating speech or innovative seminar in “How Quantum Mechanics can avoid the Unphysical at the Nanoscale”.

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Check out QED Radiations homepage

URL: www.nanoqed.org

Select areas of interest for your organization and contact us today at: thomas@nanoqed.org
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QED Radiations is worldwide and upon request can arrange a presentation to your organization at reasonable cost.

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