



پژوهشگاه دانش‌های بنیادی

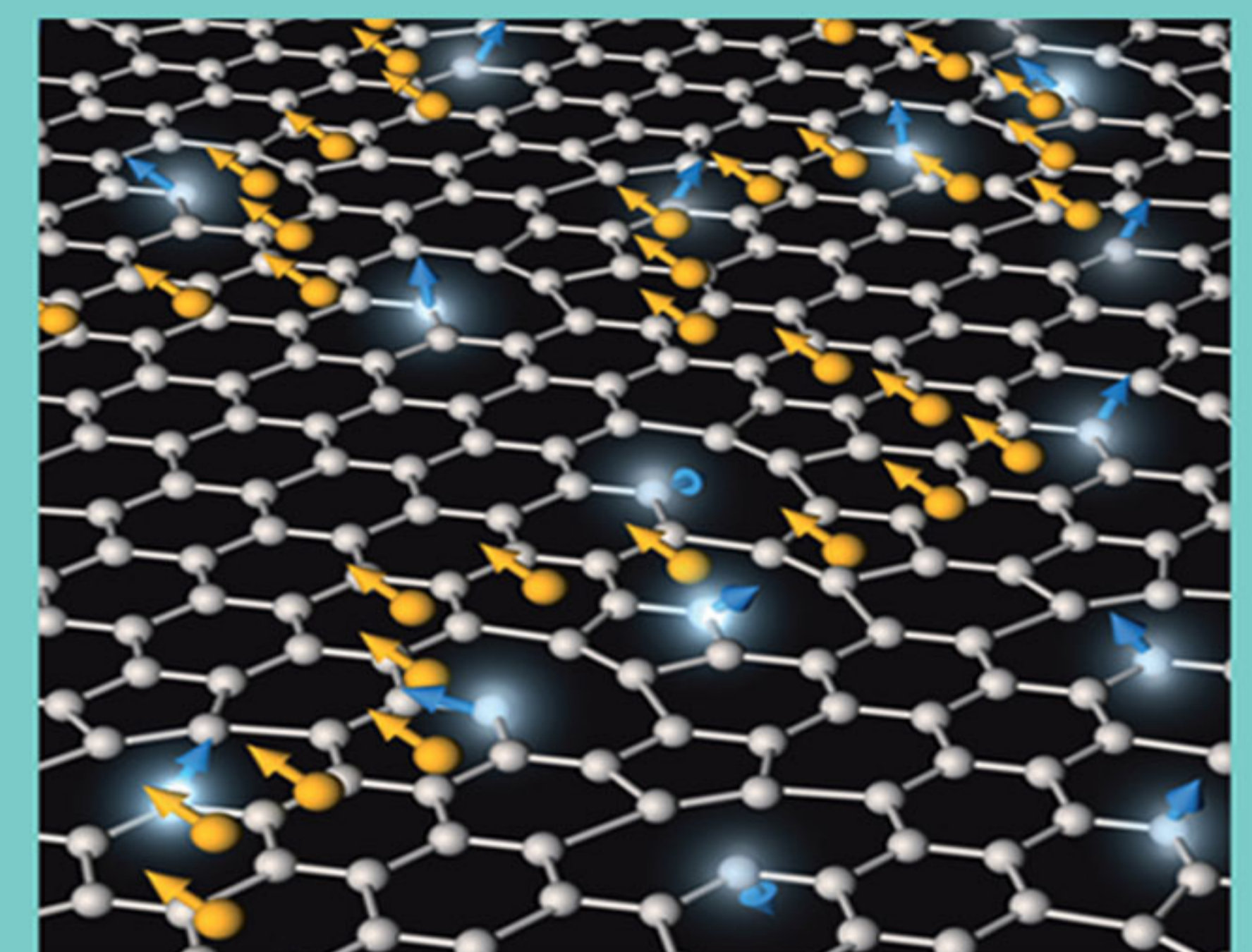
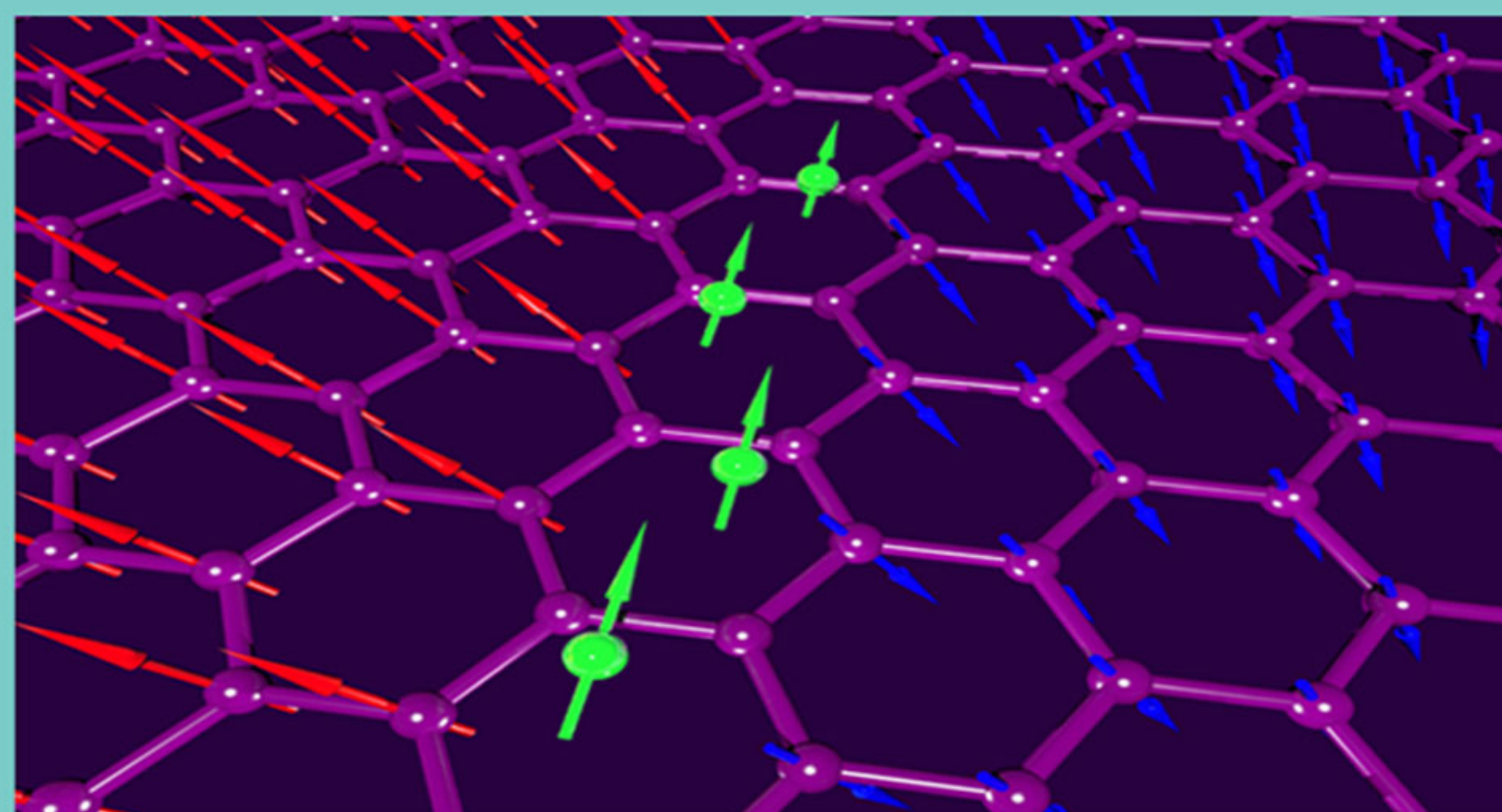
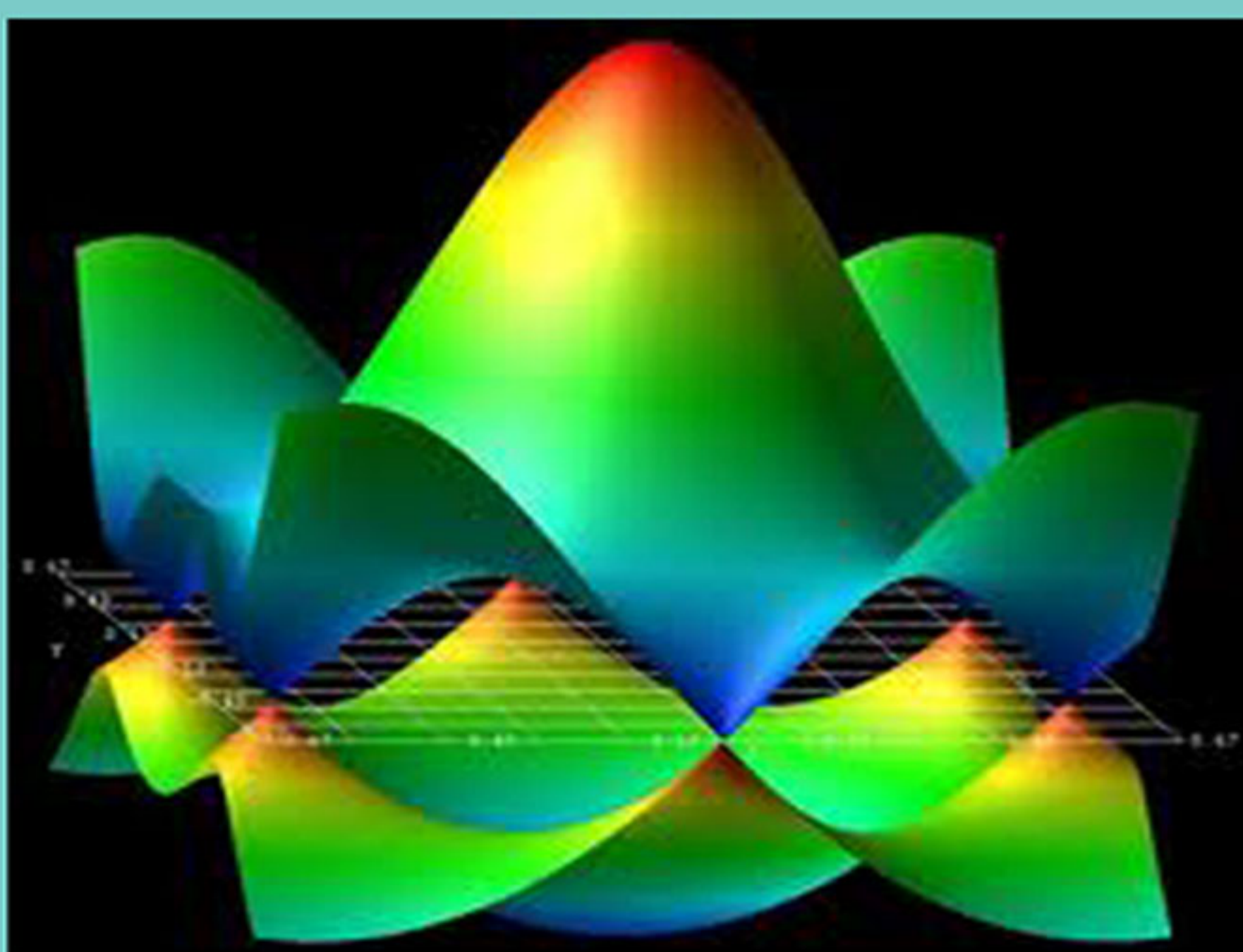
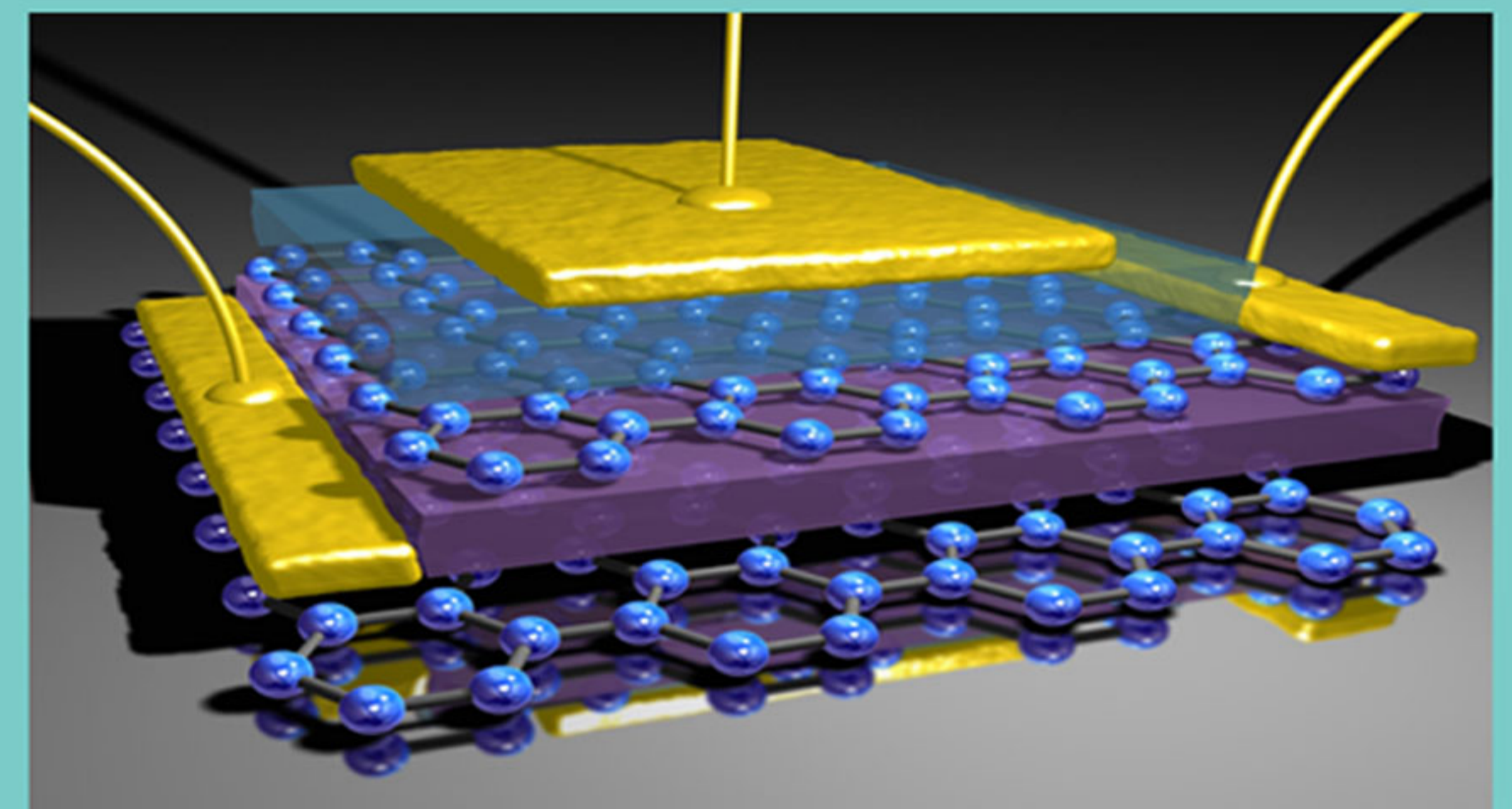
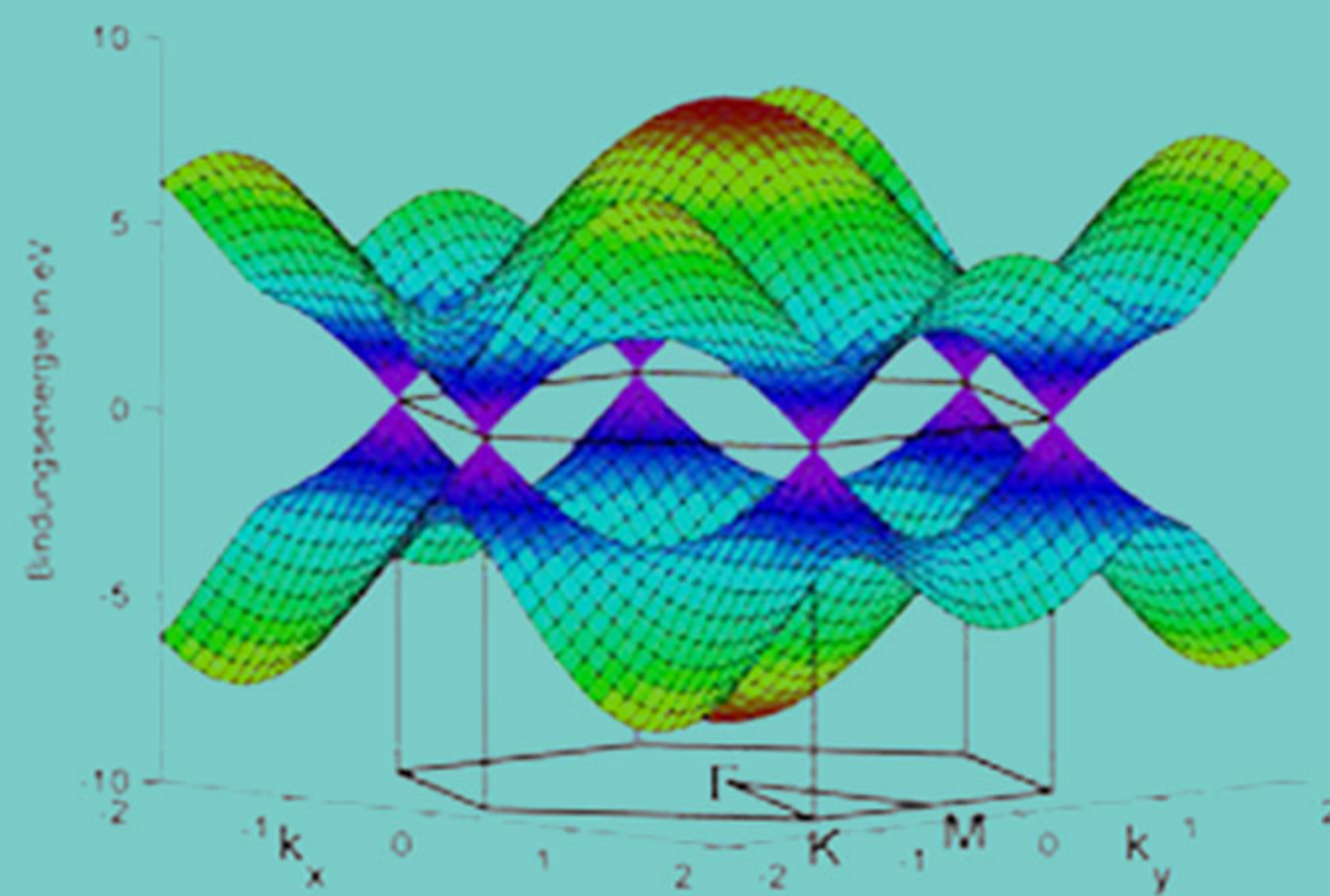
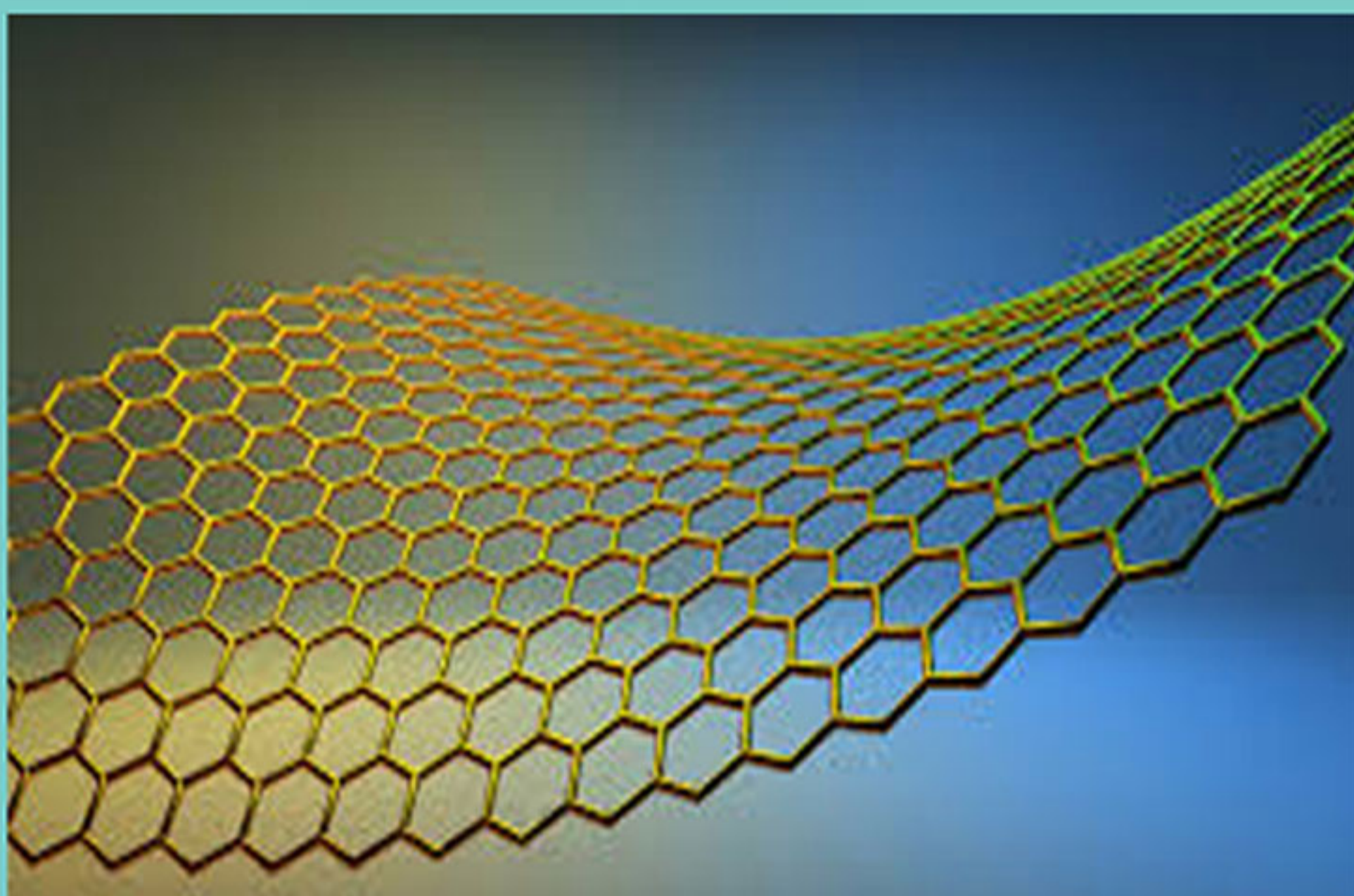
# Workshop on "Quantum transport in graphene" (In memory of late Prof. Malek Zareyan, 1971-2014)

24<sup>th</sup> April 2014 (4 Ordibehesht 1393)

School of Physics, IPM

A one day workshop on "Quantum transport in graphene" is planned by and held at IPM, Tehran. This workshop is held in the memory of late Prof. Malek Zareyan and intended to provide advanced research information about the on-going activities in graphene physics. Graphene, the leading example of a two-dimensional crystalline material, is exceptionally conductive of electricity and heat even at one atom thickness which has engendered a great deal of interest. Graphene has attracted an intense theoretical and experimental attention to study the effects of the relativistic-like dynamics of electrons on the different quantum transport phenomena, which are already known in ordinary conducting systems.

*In honor of Prof. Malek Zareyan, the school of physics of the IPM, organizes a memorial on the 24<sup>th</sup> of April 2014. Prof. Malek Zareyan, who was a distinguished theoretical condensed matter physicist best known for his contributions to the quantum transport, was born in 1971 and recently passed away on February 2014, 24 at the age 44. He became a full professor of theoretical physics at IASBS in 2013. He published more than 40 papers in highly prestigious international journals in the fields of superconductivity, superconducting proximity effect and quantum transport in meso-scale and Nano-scale systems including graphene, spintronics and quantum shot noise.*



**Registration deadline: 21 April 2014 (1 Ordibehesht 1393)**

**Registration fee: there is no registration fee.**

**Sponsor: R. Asgari (Grant)**

More information may be found at:

<http://physics.ipm.ir/conferences/qtg/index.jsp>

**Organizing committee:**

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