Announcement

3rd Symposium on „Analysis of Quantum Field Theory":
Nonperturbative Quantum Field Theory

within

15th International Conference of Numerical Analysis and Applied Mathematics (ICNAAM)
(Thessaloniki, Greece, 25-30 September 2017)

This symposium (number 58 on ICNAAM's webpage) aims to bring together experts on nonperturbative techniques in addressing classical and quantum aspects of the vacuum structure, the particle spectrum, radiative corrections, the nature of phase transitions, and nonthermal behavior in quantum field theory with a special emphasis on gauge theory. We also envisage presentations and discussions of (gravitating) solitonic field configurations including the geometry of their moduli spaces.

Considerations towards applications in particle physics and cosmology are strongly encouraged, and we welcome talks providing linkage to algebraic geometry (radiative corrections) and number theory (integral representions of certain meromorphic functions and their properties). Depending on the number of participants (20 is a hard upper limit) talks will be one hour with thirty minutes discussion time.

http://www.icnaam.org.

The one-hour talks shall be given on 27/28/29/30 September 2017. There will be 30 minutes of discussion after each talk.

For further inquiry please contact the organizer, Ralf Hofmann, at:

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