



# Sixth International Conference on $p$ -adic Mathematical Physics and its Applications (Mexico.p-adics2017)

CINVESTAV. Mexico City, October 23rd-27th, 2017

Mexico.p-adics2017

<http://www.math.cinvestav.mx/p-adics2017/>

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## Topics

The conference will be focus on the interactions between non-Archimedean mathematics, physics, biology and computation. Among the main topics to be covered are:

- Analysis, dynamical systems and probability over non-Archimedean spaces and their applications
- Models of complex systems and biosystems
- Quantum theory, Quantum field theory and string theory in a non-Archimedean setting
- Gravity and cosmology theory in a non-Archimedean setting
- Information theory, cryptography and Bioinformatics.

The conference is organized by the Department of Mathematics of the Center for Research and Advanced Studies of the National Polytechnic Institute (Mexico) in cooperation with the Steklov Institute of Mathematics (Russia) and the International Center for Mathematical Modeling of Linnaeus University (Sweden).

## Contact

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