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Enlightening the primordial dark ages

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List of publications

- O. Iarygina and E. I. Sfakianakis, “*Gravitational waves from spectator Gauge-flation*,” [arXiv:2105.06972 [hep-th]].
- O. Iarygina, E. I. Sfakianakis, D. G. Wang and A. Achúcarro, “*Multi-field inflation and preheating in asymmetric α -attractors*,” [arXiv:2005.00528 [astro-ph.CO]].
- A. Achúcarro, E. J. Copeland, O. Iarygina, G. A. Palma, D. G. Wang and Y. Welling, “*Shift-symmetric orbital inflation: Single field or multifield?*,” Phys. Rev. D **102** (2020) no.2, 021302.
- O. Iarygina, E. I. Sfakianakis, D. G. Wang and A. Achúcarro, “*Universality and scaling in multi-field α -attractor preheating*,” JCAP **06** (2019), 027.

Curriculum Vitae

I was born on the 7th of June in 1992 in Kyiv, Ukraine. In 2009 I graduated with honours from the school No. 58 and became a student at the Faculty of Physics at Taras Shevchenko National University of Kyiv. I studied there from 2009 till 2015 and obtained my bachelor and master degrees in physics.

In 2014 I received the DAAD study scholarship and did my second master study within a two year master program in theoretical and mathematical physics, that was jointly run by the physics and mathematics departments of Ludwig-Maximilians-Universität München and Technische Universität München. My master project was done at the Arnold Sommerfeld Center for Theoretical Physics under the supervision of Prof. Gia Dvali.

From October 2016 I am a PhD student at the Lorentz Institute for Theoretical Physics in the theoretical cosmology group of Prof. Ana Achúcarro. During my PhD studies I was a teaching assistant for the courses “Theoretical Cosmology”, “Quantum Field Theory”, “Physics of Machine Learning”, “Advanced Topics in Modern Cosmology”.

After my PhD I will be a postdoctoral researcher at the Nordic Institute for Theoretical Physics (Nordita) in Stockholm, Sweden.

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