

Izbor u zvanje istraživač saradnik

Kandidat: **Iva Bačić**



- Godina rođenja: 1992.
- Osnovne studije: Fizički fakultet (2010 – 2014), prosek: 9.44
- Master studije: Fizički fakultet (2014 – 2015), prosek: 9.67
- Doktorske studije: Fizički fakultet (2015 –), prosek: 10.0, uža naučna oblast: Statistička fizika
- **Odobrena tema doktorske disertacije:**

*Self-organization in Coupled Excitable Systems:
Interplay Between Multiple Timescale Dynamics and Noise*

- **Publikacije:**

Ekscitabilni sistemi:

1. I. Franović, O. V. Maslennikov, **I. Bačić**, and V. I. Nekorkin, *Mean-field dynamics of a population of stochastic map neurons*, Phys. Rev. E **96**, 012226 (2017), **M21**
2. **I. Bačić**, V. Klinshov, V. Nekorkin, M. Perc, and I. Franović, *Inverse stochastic resonance in a system of excitable active rotators with adaptive coupling*, EPL **124**, 40004 (2018), **M21**
3. **I. Bačić**, S. Yanchuk, M. Wolfrum, and I. Franović, *Noise-induced switching in two adaptively coupled excitable systems*, Eur. Phys. J. - Spec. Top. **227**, 1077 (2018), **M22**

Kinetički Izingov model:

1. **I. Bačić**, I. Franović, and M. Perc, *Disordered Configurations of the Glauber Model in Two-dimensional Networks*, EPL **120**, 68001 (2017), **M21** (istaknut u *Research Highlights* za 2018. godinu)

- **Komisija:** Igor Franović (IF), Antun Balaž (IF), Milan Knežević (FF)

