

## INFORMAȚII PERSONALE

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## EXPERIENȚĂ

Din 2020 Asistent de Cercetare, Institutul de Matematică „Simion Stoilow”

## EDUCAȚIE

2014-2017 Licență în Matematică, Universitatea din București  
2017-2019 Masterat, Universitatea din București  
2020-2024 Student doctorand sub îndrumarea Dr. Sergiu Moroianu

## Publicații și preprinturi

- 1) Uniformization of Riemann surfaces revisited (cu Cipriana Anghel), *Annals of Global Analysis and Geometry* 62 (2022), 603-615.
- 2) The Selberg trace formula for spin Dirac operators on degenerating hyperbolic surfaces, <https://arxiv.org/abs/2212.11793>.
- 3) Spectral convergence of the Dirac operator on typical hyperbolic surfaces of high genus (cu Laura Monk), <https://arxiv.org/abs/2307.01074>.

## Prezentări în seminarii sau conferințe

- 1) Uniform Weyl's law on degenerating surfaces, *Random walks and related random topics*, Göttingen (2022).
- 2) Selberg zeta function for the Dirac operator on degenerating hyperbolic surfaces, *Geometry seminar*, University of Regensburg (2022).
- 3) Jacobi fields and the Anosov property of the geodesic flow, *Entropy of semiclassical measures Workshop*, Les Plantiers (2021).
- 4) WKB expansions of solutions of the Schrödinger equation, *Semiclassical Trace Formula Workshop*, Rambouillet, Franța, Noiembrie (2021).
- 5) R. Stan, Selberg trace formula on compact manifolds, *Workshop for Young Researchers*, București, România, Mai (2021).

## Participări la conferințe

- 1) Participare la *Geometry and Analysis on Non-Compact Manifolds*, CIRM, Marseille, France, (2022).
- 2) Participare la *Workshop for Young Researchers in Mathematics*, Bucharest, (2022).
- 3) Participare la a 6-a ediție a *Heidelberg Laureate Forum*, Heidelberg.

## Premii

- 1) Medalie de argint la SEEMOUS, Potaras, Cyprus (2016).
- 2) Medalie de bronz la SEEMOUS, Ohrid, Republic of Macedonia (2015).

## Limbaje de programare

- 1) Python
- 2) JavaScript
- 3) C#
- 4) MATLAB

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Signature

