



Andrei-Florin Albişoru

Nationality: | Phone number: | Email address: _____ |
Address:

● WORK EXPERIENCE

01/2020 – CURRENT Cluj-Napoca, Romania

ASSISTANT PROFESSOR BABES-BOLYAI UNIVERSITY, FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

10/2023 – 06/2024 Cluj-Napoca, Romania

MENTOR BABES-BOLYAI UNIVERSITY, FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

- Project Director : Vice-Rector, Assoc. Prof. PhD Soos Anna
- Project Name : ROSE - Stop Abandonului la Mate-Info.

05/2022 – 10/2023 Cluj-Napoca, Romania

TRAINER (POCA/831/1/2/140086) BABEŞ-BOLYAI UNIVERSITY, FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

- Project name (Romanian): Dezvoltarea și implementarea de politici și instrumente unitare și moderne de management al resurselor umane

08/2021 – 06/2022 Cluj-Napoca, Romania

MENTOR BABES-BOLYAI UNIVERSITY, FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

- Project Director : Vice-Rector, Assoc. Prof. PhD Soos Anna
- Project Name : ROSE - Stop Abandonului la Mate-Info.

10/2017 – 12/2019 Cluj-Napoca, Romania

SCIENTIFIC RESEARCH ASSISTANT (PN-III-P4-ID-PCE-2016-0036) BABEŞ-BOLYAI UNIVERSITY, FACULTY OF MATHEMATICS AND COMPUTER SCIENCE

- Project Director : Prof. PhD Pop Ioan.
- Project name : Heat and Mass Transfer in Nanofluids.

09/2016 – 12/2016 Cluj-Napoca, Romania

SOFTWARE TESTING INTERN ALTOM CONSULTING

08/2015 – 10/2015 Cluj-Napoca, Romania

TEACHING ASSISTANT ROYAL SCHOOL IN TRANSYLVANIA

- Internship (Volunteer)

● EDUCATION AND TRAINING

10/2017 – CURRENT Cluj-Napoca, Romania

PHD IN MATHEMATICS Babeş-Bolyai University, Faculty of Mathematics and Computer Science

- Coordinator : Prof. PhD Kohr Mirela.
- Thesis title : Contributions to the Theory of Elliptic Boundary Value Problems and Their Applications in Fluid Mechanics.
- Fields of interest : Partial Differential Equations, Fluid Mechanics, Potential Theory, Computational Fluid Mechanics.

Level in EQF EQF level 8

09/2015 – 07/2017 Cluj-Napoca, Romania

MASTER'S DEGREE IN MATHEMATICS Babeş-Bolyai University, Faculty of Mathematics and Computer Science

- Coordinator : Prof. PhD Kohr Mirela.
- Dissertation Thesis : "Boundary Value Problems for the Stokes and Navier-Stokes systems in Bounded Lipschitz Domains. A Layer Potential Approach".

Level in EQF EQF level 7

09/2012 – 07/2015 Cluj-Napoca, Romania

BACHELOR IN MATHEMATICS Babeş-Bolyai University, Faculty of Mathematics and Computer Science

- Mathematics - Computer Science profile (Romanian).
- Graduated Top of the Year.

Level in EQF EQF level 6

● **MOTHER TONGUE**

Mother tongue

Romanian.

● **OTHER LANGUAGES**

Other languages

English - Proficient user.
German - Intermediate user.

● **COMPUTER SKILLS**

Computer skills

Microsoft Office, Python, Matlab, Mathematica.

● **SCIENTIFIC PAPERS**

Scientific Papers

1. Albisoru, A.F., A layer potential analysis for transmission problems for Brinkman-type systems in Lipschitz domains in \mathbb{R}^3 , *Mathematische Nachrichten*, 292 (9), 1876-1896, 2019.
2. Albisoru, A.F., A note on a Transmission-type problem for the generalized Darcy-Forchheimer-Brinkman and Brinkman systems in complementary Lipschitz domains in \mathbb{R}^3 , *Studia Universitatis Babeş-Bolyai Series Mathematica*, 64 (3), 2019.
3. Albisoru, A.F., On transmission-type problems for the generalized Darcy-Forchheimer-Brinkman and Stokes systems in complementary Lipschitz domains in \mathbb{R}^3 , *Filomat*, 33 (11), 3361-3373, 2019.
4. Albisoru, A.F., A Poisson Problem of Transmission-type for the Stokes and generalized Brinkman systems in complementary Lipschitz domains in \mathbb{R}^3 , *Taiwanese Journal of Mathematics*, 24 (2), 331-354, 2020.
5. Albisoru, A.F., Kohr, M., Papuc, I., Wendland, W.L., On some Robin-transmission problems for the Brinkman system and a Navier-Stokes type system, *Mathematical Methods in Applied Sciences*, DOI:<https://doi.org/10.1002/mma.10170>, 2024, published online: May 2024.

● **CONFERENCES AND TALKS**

Conferences and Talks

1. StudMath-It Students Conference, Aurel Vlaicu University Arad, Romania, 18.05.2017, title of the talk : A Boundary Value Problem for the Stokes and generalized Brinkman systems in Lipschitz domains.
2. Seminar of the Research Group in Mechanics and Astronomy, Babeş-Bolyai University Cluj-Napoca, Romania, 25.05.2017, title of the talk : A Boundary Value Problem for the Stokes and generalized Brinkman systems in Lipschitz domains.
3. First Romanian Itinerant Seminar on Mathematical Analysis and its Applications, Babeş-Bolyai University Cluj-Napoca, Romania, 20.04.2018-21.04.2018, title of the talk : A transmission-type problem for the Stokes and Brinkman systems.

4. Seminar of the Research Group in Mechanics and Astronomy, Babes-Bolyai University Cluj-Napoca, Romania, 31.05.2018, title of the talk : Transmission problems for Brinkman-type systems in Lipschitz domains in \mathbb{R}^3
5. 14-eme colloque Franco-Roumain de mathematiques appliquees, Bordeaux, France, 27.08.2018-31.08.2018, title of the talk : A transmission-type problem for the Stokes and Brinkman systems in Lipschitz domains in \mathbb{R}^3 .
6. Seminar of the Research Group in Mechanics and Astronomy, Babes-Bolyai University Cluj-Napoca, Romania, 27.09.2018, title of the talk : Contributions to the study of transmission problems for Brinkman-type systems in \mathbb{R}^3 .
7. Seminar of the Research Group in Mechanics and Astronomy, Babes-Bolyai University Cluj-Napoca, Romania, 20.06.2019, title of the talk : On some transmission problems for generalized Brinkman and Darcy-Forchheimer-Brinkman systems.
8. 9th ICIAM Valencia, Spain, 15.07.2019-19.07.2019, title of the poster : PA-061 Transmission problems for Brinkman-type systems in Lipschitz domains in \mathbb{R}^3 .
9. Seminar of the Research Group in Mechanics and Astronomy, Babes-Bolyai University Cluj-Napoca, Romania, 12.09.2019, title of the talk : On some transmission problems for Stokes and generalized Darcy-Forchheimer-Brinkman systems. A layer potential approach.
10. Seminar of the Research Group in Mechanics and Astronomy, Babes-Bolyai University Cluj-Napoca, Romania, 27.02.2020, title of the talk : Potential Theory and Boundary Element Method for the Laplace Equation. An introduction.
11. Workshop for Young Researchers in Mathematics, 12th edition, Iasi, Romania, 18.05.2023-19.05.2023, title of the talk : On some Robin-transmission problems for the Brinkman system and a Navier-Stokes type system
12. CSSM 2023, Babes-Bolyai University Cluj-Napoca, Romania, 20.05.2023, title of the talk : On some Robin-transmission problems for the Brinkman system and a Navier-Stokes type system
13. Seminar of the Research Group in Mechanics and Astronomy, Babes-Bolyai University Cluj-Napoca, Romania, 12.10.2023, title of the talk : On some Robin-transmission problems for the Brinkman system and a Navier-Stokes type system