

Ioana Ciuclea



WORK EXPERIENCE

[2021 – 2023]

Research Assitant

West University of Timisoara

City: Timisoara

Country: Romania

[01/2019 – 12/2019]

Research Assitant

West University of Timisoara

City: Timisoara

Country: Romania

EDUCATION AND TRAINING

[2020 – Current]

PhD in Mathematics

West Univeristy of Timisoara

City: Timisoara

Country: Romania

[01/02/2023 – 28/02/2023]

Erasmus short student mobility for traineeship

Utrecht University <https://www.uu.nl/>

City: Utrecht

Country: Netherlands

[18/07/2022 – 22/07/2022]

Poisson 2022 Advanced Summer School

CRM Barcelona

City: Barcelona

Country: Spain

[10/2021 – 03/2022]

Training Program for the Teaching Career, 1st Level - Single Specialization (Automation and Applied Informatics)

Universitatea Politehnica Timisoara

City: Timisoara

Country: Romania

[2018 – 2020]

Master's Degree in Mathematics

West University of Timisoara

City: Timisoara



[2013 – 2017] **Bachelor's of Engineering**

Universitatea Politehnica Timisoara

City: Timisoara

Country: Romania

PUBLICATIONS

[2023] [Pointed vortex loops in ideal 2D fluids](#)

Reference: Ioana Ciuclea and Cornelia Vizman 2023 J. Phys. A: Math. Theor. 56 245201

[2023] [Shape Spaces of Nonlinear Flags](#)

Reference: Ciuclea, I., Tumpach, A.B., Vizman, C. (2023). Shape Spaces of Nonlinear Flags. GSI 2023. Part 1

CONFERENCES AND SEMINARS

[05/11/2023 – 10/11/2023] **Infinite Dimensional Geometry and Fluids** Banff, Canada

Gave a presentation entitled "Coadjoint orbits of weighted nonlinear flags via dual pairs".

Link: <https://www.birs.ca/events/2023/5-day-workshops/23w5020>

[30/08/2023 – 01/09/2023] **GSI'23 6th International Conference on Geometric Science of Information**
Saint Malo, France

Gave a presentation titled "Shape spaces on nonlinear flags"

Link: <https://conference-gsi.org/>

[07/08/2023 – 11/08/2023]

Finite Dimensional Integrable Systems in Geometry and Mathematical Physics (FDIS 2023)

Antwerp, Belgium

Presented a poster titled "Dual pairs and coadjoint orbits of nonlinear flags"

Link: <https://www.uantwerpen.be/nl/personeel/sonja-hohloch/private-webpage/conference-workshop/fdis2023/>

[11/06/2023 – 16/06/2023] **Workshop on Finite dimensional integrability in mathematical physics** Les Diableret, Switzerland

Attended as member of the public.

Link: <https://www.uantwerpen.be/nl/personeel/sonja-hohloch/private-webpage/conference-workshop/lesdiablerets2023/>

[18/05/2023 – 19/05/2023] **Workshop for Young Researchers in Mathematics – 12th Edition**
Iasi, Romania

Gave a presentation titled "Pointed Vortex Loops in 2d Fluids"

Link: <https://fmi.univ-ovidius.ro/en/cercetare/wyrm2023/>

[10/04/2023 – 13/04/2023] **Smart Diaspora 2023** Timisoara, Romania

Gave a presentation titled "Shape Space of Nonlinear Flags"

Link: <https://www.diaspora-stiintifica.ro/workshopuri/matematica-motorul-stiintei-contemporane-viziune-metode-inovatie>

[25/07/2022 – 29/07/2022] **Poisson 2022 Conference** Madrid, Spain



Attended as a member of the public

Link: <https://www.icmat.es/congresos/2022/poisson/index.php>

[10/01/2022 – 14/01/2022] **Lie Theory and Poisson Geometry** Marseille, France

Gave a presentation titled "A class of coadjoint orbits of the area preserving diffeomorphism group of \mathbb{R}^2 "

Link: <https://conferences.cirm-math.fr/2629.html>

[16/08/2021 – 20/08/2021]

A finite and infinite-dimensional meeting on Lie groupoids, Poisson geometry and integrability

Vienna, Austria

Attended as a member of the public and moderated three discussion sessions.

Link: <https://sites.google.com/view/finite-infinite-workshop/>

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office | Matlab | C/C++ | Latex | Java | Maple

