

CV EMILIJA NEŠOVIĆ

Full Professor



Address

University of Kragujevac
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Contact Information

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EDUCATION

PhD-Mathematics 1998-2004

University of Kragujevac, Faculty of Science,
Department of Mathematics and Informatics
Republic Serbia
Area: Differential geometry (semi-Riemannian geometry)

MSc-Mathematics 1994-1998

University of Kragujevac, Faculty of Science
Department of Mathematics and Informatics
Federal Republic of Yugoslavia
Area: Differential geometry (semi-Riemannian geometry)

BSc-Mathematics 1989-1993

University of Kragujevac, Faculty of Science
Department of Mathematics and Informatics
Federal Republic of Yugoslavia
Area: Theoretical Mathematics

High School 1985-1989

Gymnasium "Jovan Šerbanović", Požarevac, Yugoslavia

Primary School 1977-1985

"Dositej Obradović", Požarevac, Yugoslavia

RESEARCH INTERESTS

- [Semi-Riemannian geometry](#)
- [Riemannian geometry](#)
- [Mathematical Physics](#)
 - Curves and surfaces in Minkowski spaces
 - Frenet, Cartan and Bishop frames of curves
 - Darboux frame, generalized Darboux frame, generalized curvatures

TEACHING/ Current Courses:

Undergraduate (BSc and MSc)

- Introduction to Geometry
- Geometry
- Non-Euclidean geometries
- Differential geometry
- Selected chapters in geometry
- Geometry of surfaces
- Riemannian geometry

Postgraduate (PhD)

- Riemannian and semi-Riemannian geometry
- Lee groups

PROJECTS

- 2015-2019: [Project#174012](#) (Serbian Ministry of Education, Science and Technological development): Geometry, Education and Visualization with applications
- 2010-2015: [Project#174012](#) (Serbian Ministry of Education, Science and Technological development): Geometry, Education and Visualization with applications
- 2005-2010: [Project#144032](#) (Serbian Ministry of Science and Technological Development): Geometry, Education and Visualization with applications
- 2002-2004: [Project#MM1646](#) (Serbian Ministry of Science): Geometry, Education and Visualization with applications
- 1997-2001: [Project#144005](#) (Serbian Ministry of Science): Differential geometry and applications
- 1994-1996: [Project#04M03](#) (Serbian Ministry of Science): Methods and models in theoretical, industrial and applied mathematics

EMPLOYMENT

2020 - present: Full Professor Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac
2016 - 2020: Associate Professor , Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac
2005 - 2016: Assistant Professor , Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac
1998 - 2005: Assistant , Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac
1994 - 1998: Teaching Assistant Department of Mathematics and Informatics, Faculty of Science, University of Kragujevac

REVIEWING AND REFEREEING

Reviewer: Publons <https://www.webofscience.com/wos/author/record/M-3693-2014>

- Mathematical Methods in the Applied Sciences
- Filomat
- Facta Universitatis, Series: Mathematics and Informatics
- International Journal of Geometric Methods in Modern Physics
- Turkish Journal of Mathematics
- AIMS Mathematics
- Advances in Applied Clifford Algebras
- Journal of Geometry
- Journal of Mathematics
- Kragujevac Journal of Mathematics
- Novi Sad Journal of Mathematics
- Acta Polytechnica
- Journal of Applied Mathematics
- Journal of the Egyptian Mathematical Society
- Mathematics
- Quaestiones Mathematicae
- Results in Physics
- Southeast Asian Bulletin of Mathematics
- Abstract and Applied Analysis
- Advances in High Energy Physics
- Advances in Mathematical Physics
- Afrika Matematika
- Analele Stiintifice Ale Universitatii" Al. I. Cuza" din Iasi
- Applied Mathematics and Information Sciences
- Arab Journal of Basic and Applied Sciences
- Asian-European Journal of Mathematics
- Axioms
- Comm. Faculty of Sciences University of Ankara Series A1
- Complex Manifolds
- Hacettepe Journal of Mathematics and Statistics
- Honam Mathematical Journal
- Journal of Geometric Analysis

- Journal of Geometry and Physics
- Journal of Inequalities and Applications
- Journal of Mathematical Analysis and Applications
- Kuwait Journal of Science
- Mathematical Communications
- Mathematical Sciences and Applications E-Notes
- Open Mathematics
- Publications de l'Institut Mathematique
- Punjab University Journal of Mathematics
- Rendiconti del Circolo Matematico di Palermo Series 2
- Revista de la Union Matematica Argentina
- Symmetry
- Ukrains'kyi Matematychnyi Zhurnal
- Vojnotehnički Glasnik/Military Technical Courier

Associated Editor:

Kragujevac Journal of Mathematics

International Electronic Journal of Geometry

Ikonian Mathematical Journal

Referee:

Mathematical Reviews

Zentrallblatt für Mathematik

PUBLISHED SCIENTIFIC PAPERS

ORCID profile

<https://orcid.org/0000-0002-3124-6308>

AD Scientific Index

<https://www.adscientificindex.com/scientist/emilija-neovi/1590157>

eScience profile

<https://enauka.gov.rs/cris/rp/rp07558/dspaceitems.html>

ADMINISTRATIVE CONTRIBUTIONS

- 2016-present: Member of entrance exam Commissions for MSc and PhD studies
- 2018-2019: Member of the Commission for accreditation BSc degree program in Mathematics, Faculty of Science, University of Kragujevac
- 2018-2019: Member of the Commission for accreditation PhD degree program in Mathematics, Faculty of Science, University of Kragujevac
- 2015-2016: Member of the Commission for accreditation BSc degree program in Mathematics, Faculty of Science, University of Kragujevac
- 2015-2016: Member of the Commission for accreditation MSc degree program in Mathematics, Faculty of Science, University of Kragujevac

PROFESSIONAL POSITIONS

- 2019-2022: Member of Educational-Scientific Council of Faculty of Science, University of Kragujevac
- 2022-2025: Member of Educational-Scientific Council of Faculty of Science, University of Kragujevac
- 2021-2022: Member of Council for Natural and Mathematical Sciences, University of Kragujevac
- 2022-2025: Member of Council for Natural and Mathematical Sciences, University of Kragujevac
- 2021-2024 Member of Doctoral Studies Council, Faculty of Science, University of Kragujevac
- 2024-2027: Member of Doctoral Studies Council, Faculty of Science, University of Kragujevac
- 2021-2024: Head of Doctoral studies of mathematics, Institute of Mathematics and Informatics, Faculty of Science, University of Kragujevac
- 2024-2027: Head of Doctoral studies of mathematics, Institute of Mathematics and Informatics, Faculty of Science, University of Kragujevac

CONFERENCE AND SEMINAR ORGANIZATION

1. Organizing Committee, 13th Yugoslav Geometrical Seminar, 2002.
2. Organizing Committee, Conference "Mathematics in 2004 at Kragujevac"
3. Organizing Committee, 19th Geometrical Seminar, 2016.
4. Organizing Committee, 20th Geometrical Seminar, 2018.
5. Organizing Committee, 19th International Geometry Symposium, 2022,
Trakya University-Edirne, Turkey
6. Scientific Committee, IECMSA, Budapest, 2017
7. Scientific Committee, 21st Geometrical Seminar 2022
8. Scientific Committee, 19th International Geometry Symposium, 2022,

Trakya University-Edirne, Turkey

9. Scientific Committee, 20th International Geometry Symposium, 2023,

Bayburt University, Turkey

10. Scientific Committee, 22nd Geometrical Seminar, 2024

BOOKS/CHAPTERS

1. Emilija Nešović, Ana Hinić-Galić, Collection of tasks in Differential geometry of curves in Euclidean space, University of Kragujevac, Faculty of Science, 2010
ISBN 978-86-6009-006-7
2. Emilija Nešović, Introduction to Geometry, Textbook, University of Kragujevac, Faculty of Science, 2020, ISBN 978-86-6009-070-8

PARTICIPATION AT CONFERENCES AND SEMINARS

1. E. Šućurović: Curves in Minkowski spaces, XI Yugoslav Geometrical Seminar, 11.10.-17.10.1996, Divčibare, Mathematical Institute SASA
2. E. Nešović: Minimal tensor product surfaces of two Lorentzian curves, Contemporary geometry and related topics, 26.6.-2.7.2005, Mathematical Faculty, Belgrade
3. E. Nešović: Some characterizations of pseudo null and partially null osculating curves in Minkowski space-time, XVI Geometrical Seminar, 20.09.-24.09.2010., Vrnjačka Banja.
4. E. Nešović: Some characterizations of null, pseudo null and partially null rectifying curves in Minkowski space-time, Mathematical Institute SASA, 15.4.2010., Belgrade
5. E. Nešović: On generalized null Mannheim curves in Minkowski space-time, XIII Serbian Mathematical Congress, 22.5.-25.5.2014., Vrnjačka Banja.
6. E. Nešović: Siacchi's and the areal basis resolution of the acceleration vector for a space curve in Minkowski 3-space, XIX Geometrical Seminar, Zlatibor, August 28-September 4, 2016.
7. E. Nešović: On k-Type Pseudo Null Darboux Helices According to Bishop Frame in Minkowski 3-Space, IECMSA, 16-19 August, Belgrade, 2016.
8. E. Nešović: On the Bishop frame for pseudo null and null Cartan curve in Minkowski 3-space, Mathematical Institute SASA, Belgrade, 8. June 2017
9. E. Nešović: Bishop frame of a null Cartan curve in Minkowski space-time, XX Geometrical Seminar, Vrnjačka Banja, May 20-23, 2018.
10. E. Nešović: On k-type null Cartan slant helices in Minkowski 3-space, 14th SMAK, May 16-19, Kragujevac, 2018.
11. E. Nešović: On the Bishop frame of a partially null curve in Minkowski spacetime, 8 ECM, Minisymposium, Portoroz, June 22, 2021
12. E. Nešović: On the Bishop frame of a partially null curve in Minkowski spacetime, Seminar Geometry and Applications, Mathematical Faculty, Belgrade, 2021

13. E. Nešović, Generalized Darboux frame of a spacelike curve lying on lighlike surface, XXI Geometric Seminar, Belgrade 2022, June 26- July 2.
14. E. Nešović, On null Cartan normal helices in Minkowski 3-space, International Geometry Symposium, In honor of prof. Aysel Turgut Vanli, Munzur University, Turkey, 1-2 July 2024

OTHER RELEVANT ACTIVITIES/ Mentor/ Membership

Menthor of PhD Thesis:

1. Milica Grbović, Some special types of curves, frames and surfaces in Minkowski spaces, PhD Thesis, defended 2020, Faculty of Science, University of Kragujevac
2. Jelena Djordjević, Characteristic kinds of frames of curves in geometry of Minkowski spaces, PhD Thesis, Faculty of Science, University of Kragujevac
3. Anica Pantić, Symmetries and pseudo-symmetries of ideal submanifolds in Riemannian geometry, PhD Thesis, Faculty of Science, University of Kragujevac

Membership in the Commission for defending PhD Thesis:

1. Aleksandar Šebeković, Intrinsic and extrinsic symmetries in Riemannian geometry, PhD Thesis, defended 2016, Faculty of Science, University of Kragujevac
2. Miloš Djorić, Geodesic lines and hypersurfaces of the nearly Kahler manifold $S^3 \times S^3$, PhD Thesis, defended 2022, Mathematical Faculty, University of Belgrade

