

PERSONAL INFORMATION

Faton Merovci



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WORK EXPERIENCE

01/02/2016–Present

Prof. Ass. Dr. of Mathematics

University of Mitrovica "Isa Boletini", Mitrovicë (Kosovo)

Teach undergraduate courses in Mechanical Engineering and Computer Engineering:

- Mathematics I
- Mathematics II
- Discrete Mathematics
- Statistics

01/10/2019–Present

Part-Time Lecture

University of Prishtina, Faculty of Mathematics and Natural Science, Prishtinë (Kosovo)

Teach undergraduate courses in Mathematics, Computer Science and Financial Mathematics:

- Game Theory
- Stochastic Processes
- Stochastic Processes II
- Vector Analysis

01/10/2005–31/10/2013

Teaching Assistant

University of Prishtina, Prishtinë (Kosovo)

01/11/2013–31/01/2016

Teaching Assistant

University of Mitrovica "Isa Boletini", Mitrovicë (Kosovo)

01/12/2009–31/07/2010

Mathematician

ProCredit Bank, Mitrovicë (Kosovo)

01/10/2006–31/05/2010

Teaching Assistant

College Dardania, Prishtinë (Kosovo)

2011–2015

Delivering training to teachers of grades 1-5 and teachers of mathematics 6-9

I have been engaged as a trainer of

Mathematics within the Capacity Development in the Basic Education Sector in Kosovo

– GIZ/CDBE project funded by “The Deutsche Gesellschaft für Internationale

Zusammenarbeit (GIZ) GmbH” and Kosovo Government, during this time I have

facilitated many trainings for:

Mathematics and teaching mathematics for 1-5 grades

Mathematics and teaching mathematics for 6-9 grades

Mathematics and teaching mathematics with particular emphasis on geometry,

for grades 6 – 9.

2014–2015

USAID Transformational Leadership Program (TLP) – Immersion and Public Services Course (Kosovo)

Trainer of Remedial Math Course

01/09/2004–31/08/2005

Mathematics teacher primary school

Primary School, Novolan & Vërrnicë, Vushtri (Kosovo)

01/09/2005–01/12/2016

Mathematics teacher secondary school

Gymnasium Eqrem Çabej, Vushtri (Kosovo)

EDUCATION AND TRAINING

20/06/2005

Engineer of Mathematics

EQF level 6

University of Prishtina "Hasan Prishtina", Prishtinë (Kosovo)

16/10/2010

Master of Science in Mathematics

EQF level 7

University of Prishina "Hasan Prishtina", Prishtinë (Kosovo)

15/09/2010–15/06/2011

Certificate for Research Fellowship

University of Bern, Bern (Switzerland)

Swiss Government Excellence Scholarship

16/04/2015

Doctor of Probability, Statistics and Numerical Analysis

EQF level 8

University of Tirana, Tirana (Albania)

2011

Certificate for trainer, Math Teacher Training for grades 1 – 5

Issuing authority Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (Kosovo)

2012

Certificate for trainer, Math Teacher Training, with particular emphasis on geometry, for grades 6 – 9

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (Kosovo)

2013

Certificate for trainer, Math Teacher Training for grade 5

Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH (Kosovo)

28/10/2019–29/10/2019

Intensive Course for Teachers in PBL

Aalborg University, Copenhagen (Denmark)

PERSONAL SKILLS

Mother tongue(s)

Albanian

Foreign language(s)

UNDERSTANDING	SPEAKING	WRITING
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	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
 Common European Framework of Reference for Languages

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
	Proficient user	Independent user	Independent user	Independent user

Digital skills - Self-assessment grid

Microsoft Office
 Latex
 R
 SPSS
 Maple
 Python

Driving licence B

ADDITIONAL INFORMATION

Publications

Scopus:

<https://www.scopus.com/authid/detail.uri?authorId=36499752600>

zbMATH:

<https://zbmath.org/?q=ai:merovci.faton>

Google Scholar:

<https://scholar.google.com/citations?user=1IVqSyAAAAAJ&hl=en&oi=ao>

Year 2018

1. Rastogi, M. K., & Merovci, F. (2018). Bayesian estimation for parameters and reliability characteristic of the Weibull Rayleigh distribution. *Journal of King Saud University-Science*, 30(4), 472-478.
2. Khaleel, M. A., Ibrahim, N. A., Shitan, M., & Merovci, F. (2018). New extension of Burr type X distribution properties with application. *Journal of King Saud University-Science*, 30(4), 450-457.
3. Nantomah, K., Merovci, F., & Nasiru, S. (2018). Some monotonicity properties and inequalities for the (p, k)-gamma function. *Kragujevac Journal of Mathematics*, 42(2), 287-297.

Year 2017

4. Merovci, F., Alizadeh, M., Yousof, H. M., & Hamedani, G. G. (2017). The exponentiated transmuted-G family of distributions: theory and applications. *Communications in Statistics-Theory and Methods*, 46(21), 10800-10822.
5. Alizadeh, M., Merovci, F., & Hamedani, G. G. (2017). Generalized transmuted family of distributions: properties and applications. *Hacetatepe Journal of Mathematics and Statistics*, 46(4), 645-667.
6. Shahzad N.M. , Merovci, F., & Asghar, Z. (2017). Transmuted Singh-Maddala Distribution: A new Flexible and Upside-Down Bathtub Shaped Hazard Function Distribution. *Revista Colombiana de Estadística*, 40(1), 1-27.
7. Nantomah, K., Merovci, F., & Nasiru, S. (2017). A generalization of the exponential integral and some associated inequalities. *Honam Mathematical Journal*, 39(1), 49-59.
8. Ibrahim, N. A., Khaleel, M. A., Merovci, F., Kilicman, A., & Shitan, M. (2017). Weibull Burr X

distribution properties and application. *Pakistan Journal of Statistics*, 33(5).

9. Mundher Abdullah Khaleel, Noor Akma Ibrahim, Mahendran Shitan, **Faton Merovci**, New extension of Burr type X distribution properties with application, In *Journal of King Saud University - Science*, 2017, , ISSN 1018-3647,

Year 2016

10. **Faton Merovci**, Mundher Abdullah Khaleel, Noor Akma Ibrahim, Mahendran Shitan: *The beta Burr type X distribution properties with application*. SpringerPlus 05/2016; 5(6).

11. **Faton Merovci**, Morad Alizadeh, G. G. Hamedani: *Another generalized transmuted family of distributions*. *Vol 45, No 3 (2016)*, 71-93 , *Austrian Journal of Statistics*

12. M.Kayid, Ibrahim Elbatal, **Faton Merovci**: *A New Family of Generalized Quadratic Hazard Rate Distribution with Applications*. *Journal of Testing and Evaluation* Vol. 44, No. 4, 2016, pp. 1733-1744, <http://dx.doi.org/10.1520/JTE20140324>.

13. Sharma, V. K., Singh, S. K., Singh, U., & Merovci, F. (2016). The generalized inverse Lindley distribution: A new inverse statistical model for the study of upside-down bathtub data. *Communications in Statistics-Theory and Methods*, 45(19), 5709-5729.

14. Khaleel, M. A., Ibrahim, N. A., Shitan, M., & Merovci, F. (2016, June). Some properties of Gamma Burr type X distribution with application. In *AIP Conference proceedings* (Vol. 1739, No. 1, p. 020087). AIP Publishing.

Year 2015

15. **Faton Merovci**, Ibrahim Elbatal: [Weibull-Rayleigh Distribution: Theory and Applications](http://www.naturalspublishing.com/files/published/g569hs07nwe3l5.pdf), *Applied Mathematics & Information Sciences* 9 (4 (Jul. 2015)), 2127-2137, <http://t.www.naturalspublishing.com/files/published/g569hs07nwe3l5.pdf>

16. Faton Merovci, Ibrahim Elbatal: *The Beta Quadratic Hazard Rate Distribution*. *Pakistan Journal of Statistics* 09/2015; 31(5). [http://www.pakjs.com/journals/31\(5\)/31\(5\)1.pdf](http://www.pakjs.com/journals/31(5)/31(5)1.pdf)

17. Faton Merovci, Ibrahim Elbatal: A New Generalization of Exponentiated Modified Weibull Distribution *Journal of Data Science* 13(2015), 213-240
<http://www.jds-online.com/volume-13-number-3-july-2015>

18. Vikas Kumar Sharma, Sanjay Kumar Singh, Umesh Singh, **Faton Merovci**: *Inference of Transmuted Rayleigh wind speed model*. *Journal of Applied Probability and Statistics* , Vol. 10, No. 2, pp. 1-13, <http://japs.isoss.net/nov15.htm>

19. Faton Merovci, Ibrahim Elbatal, Llukan Puka: [The McDonald Quasi Lindley Distribution and its applications](http://www.emis.ams.org/journals/AUA/pdf/68_1237_merovici_aua_latex_template.pdf), *Acta Universitatis Apulensis* , No. 42/2015 pp. 87-105, http://www.emis.ams.org/journals/AUA/pdf/68_1237_merovici_aua_latex_template.pdf

20. Faton Merovci, Ibrahim Elbatal: [A new generalization of linear exponential distribution: theory and application](http://cpaindex.naturalspublishing.com/files/published/64pc56a36o1g6y.pdf), *Journal of Statistics Applications & Probability Letters*, Vol. 2, No. 1, 1-14 (2015), <http://cpaindex.naturalspublishing.com/files/published/64pc56a36o1g6y.pdf>

21. Al-Babtain, Abdulhakim A., Faton Merovci, and Ibrahim Elbatal: The McDonald exponentiated gamma distribution and its statistical properties. *SpringerPlus* 4, no. 1 (2015): 1-22.
<http://link.springer.com/content/pdf/10.1186/2193-1801-4-2.pdf>

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22. Abdulhakim Al-Babtain, Ahmed M. Eid, A-Hadi N. Ahmed and Faton Merovci: The five parameter Lindley distribution. Vol. 31(4), 363-384. 2015, [http://www.pakjs.com/journals/31\(4\)/31\(4\)2.pdf](http://www.pakjs.com/journals/31(4)/31(4)2.pdf)

Year 2014

23. Ibrahim Elbatal, Faton Merovci, W. Marzouk: *McDonald generalized linear failure rate distribution*. Pakistan Journal of Statistics and Operation Research 10/2014; 10(3). <http://pjsor.com/index.php/pjsor/article/download/687/368>
24. Ibrahim Elbatal, Faton Merovci: *A note on a generalization of the exponentiated Pareto distribution*. Economic Quality Control, Volume 29, Issue 1, Pages 77–87, <http://www.degruyter.com/view/j/eqc.2014.29.issue-1/eqc-2014-0008/eqc-2014-0008.xml>
25. Faton Merovci, Ibrahim Elbatal: *Transmuted Weibull-geometric distribution and its applications*, **Scientia Magna** 10.1 (2014): 68-82, <http://fs.gallup.unm.edu/ScientiaMagna10no1.pdf>
26. Faton Merovci, Vikas Kumar Sharma: *The Beta-Lindley Distribution: Properties and Applications*. Journal of Applied Mathematics, Volume 2014 (2014), Article ID 198951, 10 pages, <https://www.hindawi.com/journals/jam/2014/198951/abs/>
27. Faton Merovci, Ibrahim Elbatal, Alaa Ahmed: *The Transmuted Generalized Inverse Weibull Distribution*. Austrian Journal of Statistics June 2014, Volume 43/2, 119–131. <http://www.ajs.or.at/index.php/ajs/article/view/vol43-2-3/20>
28. Faton Merovci: *Transmuted generalized Rayleigh distribution*. Volume 3, No. 1, 9-20 (2014) <http://icpas.m.naturalspublishing.com/files/published/k8w7a636gpdd97.pdf>
29. Faton Merovci, Ibrahim Elbatal: *Transmuted Lindley-geometric distribution and its applications*. Journal of Statistics Applications & Probability, Volume 3, No. 1, pp. 77-91 (2014), <http://naturalspublishing.com/files/published/e69vpy514e5z24.pdf>
30. Faton Merovci: *Transmuted Pareto distribution*. ProbStat Forum, Volume 07, January 2014, Pages 1–11, <http://probstat.org.in/PSF-2014-01.pdf>
- Year 2013
31. Faton Merovci: *Transmute exponentiated exponential distribution*, Mathematical Sciences And Applications E-Notes, Volume 1 No. 2 pp. 112–122 (2013), <http://dergipark.ulakbim.gov.tr/mathenot/article/view/5000105342/5000098619>
32. Ibrahim Elbatal, Faton Merovci, M. Elgarhy: *A new generalized Lindley distribution*. Mathematical Theory and Modeling, Vol.3, No.13, pp. 30-47, 2013, <http://www.iiste.org/Journals/index.php/MTM/article/view/8768/9300>
33. Faton Z Merovci: *Turán type inequalities for p-polygamma functions*. 11/2013; LXVIII(2).
34. Faton Merovci, Ibrahim Elbatal: *The McDonald Modified Weibull Distribution: Properties and Applications*.
35. Faton Merovci, Ibrahim Elbatal, Alaa Ahmed: *Transmuted Generalized Inverse Weibull Distribution*.
36. Faton Merovci: *Transmuted Rayleigh Distribution*. Austrian Journal of Statistics 42 (2013), no. 1, 21–31.
37. Faton Merovci: *Turan type inequalities for (p, q)-Gamma function*.
38. Faton Merovci: *Transmuted Lindley Distribution*. 06/2013; 6(2). DOI:10.12816/0006170
39. Valmir Krasniqi and Faton Merovci, *Inequalities and monotonicity for the ratio p functions*, Int. J. Open Problems Compt. Math 3 (2010), no. 1.
40. Valmir Krasniqi and Faton Merovci, *Monotonicity of functions involving generalization gamma function*, Gen 2 (2011), no. 1, 114–118.
41. VALMIR KRASNIQI and FATON MEROVCI, *Generalization of some inequalities for the special functions*, Journal of Inequalities & Special Functions 3 (2012), no. 3.
42. Valmir Krasniqi and Faton Merovci, *Some completely monotonic properties for the (p, q)-gamma function*, arXiv preprint arXiv:1407.4231 (2014).

43. Faton Merovci, Power product inequalities for the k function, Int. Journal of Math. Analysis 4 (2010), no. 21, 1007–1012.
44. Faton Merovci, Sharp inequalities involving ψ_p function, Acta Universitatis Apulensis (2010), no. 23, 147–151.
45. Faton Merovci, Tur'an type inequalities for (p, q) -gamma function, Scientia Magna 9 (2013), no. 1, 25–30.

Conferences

1. Transmuted generalized Pareto distribution, " International Conference APPLIED STATISTICS 2013" September 22 - 25, 2013 Ribno (Bled), Slovenia
http://ibmi.mf.uni-lj.si/files/BookSubmittedAndAccepted_AS2011.pdf
2. Transmuted exponential distribution, "International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2012)", September 03-07, 2012, Prishtinë, Kosovo
3. Some completely monotonic properties for the (p, q) -gamma function, International Conference "Transform Methods & Special Functions'2011" 20 – 23 October 2011, Sofia – Bulgaria
http://www.math.bas.bg/~tmsf/2011/Programme_TMSF2011.pdf
4. Transmuted exponential distribution, International Conference "Information Systems and Technology Innovations: their application in Economy" June 8-9, 2012, Tiranë, Albania
5. Power product inequalities for gamma- k function, 4-th International mathematics conference on Algebra and Functional Analysis, May 14-15, 2010, Elbasan, Albania
<https://sites.google.com/site/elbasanconference/Home/agenda>

Seminars

4. DAAD course "Summability theory and statistical convergences", 20-24 August, 2012, Prishtina, Kosovo
3. DAAD course "Robotics and Mathematics", 12.08-18.08.2012, Ohër, Macedonia
2. DAAD course *Measure theoretic tools in partial differential equations (H Measure and compensated compactness)*, Budva, Montenegro, Hotel Residence 04.10.2009 – 10.10.2009
1. DAAD Meeting in Sofia 23-26 April, 2009, Institute of Mathematics and Informatics of the Bulgarian Academy of Sciences

Honours and awards

- Swiss Government Excellence Scholarship (15.09.2010-15.06.2011)
- Scholarships from University of Prishtina (1.10.2002-30.09.2003)
- Scholarship from Municipality Vushtri (1.10.2002-30.09.2003)
- ITEM project from ERASMUS+(2018-2020)