Табела 1. Подаци о наставницима Факултета техничких наука у Косовској Митровици потребни за унапређење сајта факултета

Име и Презиме	Милан Љ. Ђорђевић
Звање	Ванредни професор
Катедра	Катедра за термотехнику и термоенергетику
Стручни назив	Доктор наука - машинско инжењерство
Ужа научна област	Термотехника и термоенергетика
Датум избора у звање	09.011.2021.
Предмети које наставник држи на основним, мастер и докторским студијама (по акредитацији из 2021. године)	ОМ12 Термодинамика ОМ67 Простирање топлоте и масе ОМ23 Мотори СУС ОМ82 Процеси сагоревања ОМ85 Расхладна постројења ОМ52 Обновљиви извори енергије ОМ108 Парни котлови ОА44 Машинске инсталације ММ38 Одабрана поглавља из простирање топлоте и масе ММ39 Енергетска ефикасност у зградарству ММ40 Топлотне турбомашине ДМ6 Транспортни процеси у термотехници и Термоенергетици ДМ15 Моделирање у термотехници и термоенергетици ДМ30 Нумеричке симулације струјно-термичких процеса

Збирни подаци научне, односно уметничке и стручне активности наставника – подаци који ће бити приказани на почетној страни (на сајту факултета) за наставника	
Укупан број радова по категоријама	
Категорија	Број радова
M22	3
M23	5
M24	3
M51	1
M33	38
M63	2
Цитираност	
Укупан број цитата: 49 (према Scopus-у)	
h-index: 5 (према Scopus-у)	
Веб-сајтови и друштвене мреже (Scopus, ORCID, Google scholar, Research gate …)	
Scopus Author ID: 56358385500	
ORCID ID: 0000-0002-7122-885X	
Google scholar	
Research gate	
Библиографија – подаци који ће се приказати за наставника кликом на одговарајући линк на сајту факултета	
Радови у часописима са SCI листе	
1. **Đorđević, M.**, Stefanović, V., Kalaba, D., Mančić, M., Katinić, M., Radiant Absorption Characteristics of Corrugated Curved Tubes, *Thermal Science*, 21 (2017), pp. 2897-2906, DOI: 10.2298/TSCI160420263D.	
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7. Kalaba, D., **Đorđević, M.**, Kirin, S., Determining the Reliability Function of Thermal Power System in Power Plant "Nikola Tesla, Block B1", *Thermal Science*, 19 (2015), pp. 793-800, DOI: 10.2298/TSCI140610144K.
8. Kalaba, D., Radaković, Z., **Đorđević, M.**, Kirin, S., Determining the Theoretical Reliability Function of Thermal Power System Using Simple and Complex Weibull Distribution, *Thermal Science*, 18 (2014), pp. S229-S238, DOI: 10.2298/TSCI120611168K.

Радови у часописима ван SCI листе

1. **Đorđević, M.**, Stefanović, V., Vukić, M., Mančić, M., Experimental Investigation of the Convective Heat Transfer in a Spirally Coiled Corrugated Tube with Radiant Heating, *FACTA UNIVERSITATIS, Series: Mechanical Engineering*, 15 (2017), pp. 495-506, DOI: 10.22190/FUME171001027D.
2. Kalaba, D., **Đorđević , M.**, Ivanović, V., Determining the Theoretical Reliability Functions of Boiler Tubing System in Power Plant "Nikola Tesla, Block A4", *Structural Integrity And Life*, 15 (2015), pp. 167-171.
3. Kalaba, D., **Đorđević, M.**, Kirin, S., Delamarian, C., Determining Reliability Functions of Steam Turbine in Power Plant 'Nikola Tesla, Block A4'**,** *Structural Integrity And Life,* 16 (2016), pp. 9-13.
4. **Đorđević, M.**, Mančić, M., Mitrović, D., Energy and Exergy Analysis of Coal Fired Power Plant, *FACTA UNIVERSITATIS, Series: Working and Living Environmental Protection*, 11 (2014), pp. 163-175.

Радови са међународних конференција

1. **Đorđević, M.**, Mančić, M., Stefanović, V., Numerical Investigation of the Convective Heat Transfer in Spirally Coiled Corrugated Pipes, *Proceedings of the 19th Conference on Thermal Science and Engineering of Serbia - SimTerm 2019*, October 22–25, 2019, Sokobanja, Serbia, ISBN 978-86-6055-124-7, pp. 592-600.
2. **Đorđević, M.**, Mančić, M., Stefanović, V., A Parametric Study on Correlations for Heat Transfer in Helically Coiled Pipes, *Proceedings of the 4th International Conference Mechanical Engineering in XXI Century,* April 19-20, 2018, Niš, Serbia, ISBN 978-86-6055-103-2, pp. 41-44.
3. **Đorđević, M.**, Stefanović, V., Vukić, M., Mančić, M., Experimental Investigation on the Convective Heat Transfer in a Spirally Coiled Corrugated Tube with Radiant Heating, *Proceedings of the 18th Symposium on Thermal Science and Engineering of Serbia, SIMTERM 2017*, October 17-20, 2017, Soko Banja, Serbia, ISBN 978-86-6055-098-1,

pp 526-535.

4. Mančić, M., Živković, D., Rajić, M., Mančić, M., **Đorđević, M.**, Vukadinović, B., Banić, M., Energy Efficiency of Food Cooling and Freezing Plants in Serbia. In: Rackov M., Mitrović R., Čavić M. (eds) Machine and Industrial Design in Mechanical Engineering. KOD 2021. Mechanisms and Machine Science, vol 109 (2022), Springer, Cham. https://doi.org/10.1007/978-3-030-88465-9_67, pp. 665–673.
5. Skerlić, J., Nikolić, D., Radulović, J., Radojević, A., **Đorđević, M.**, Mišković, A., Influence of Building Envelope on Building Energy Consumption, *Proceedings of the 15th International Conference on Accomplishments in Mechanical and Industrial Engineering - DEMI 2021*, May 28-29, Banja Luka, Republic of Srpska, ISBN 978-99938-39-92-7, pp. 153-158.
6. Mančić, M., Živković, D., Laković, M., Mančić, M., **Đorđević, M.**, A Model for Coupling Polygeneration System Superstructure Model to Building Load Models in Trnsys, *Proceedings of the 5th International Conference - MASING 2020*, December 09-10, Niš, Serbia, ISBN 978-86-6055-139-1, pp. 61-64.
7. Skerlić, J., Nikolić, D., Radojević, A., **Đorđević, M.**, Influence of Thermal Insulation Thickness on Heating Energy Consumption, *Proceedings of the* 5th *International Scientific Conference - COMETa 2020,* November 26th-28th, East Sarajevo, RS, B&H, ISBN 978-99976-719-8-1, pp. 444-450.
8. Mančić, M., Živković, D., Laković Paunović, M., **Đorđević, M.**, Vukadinović, B., Rajić, M., Application of Rooftop Photovoltaics in Cooling and Freezing Facilities, *Proceedings of the 19th Conference on Thermal Science and Engineering of Serbia - SimTerm 2019*, October 22–25, 2019, Sokobanja, Serbia, ISBN 978-86-6055-124-7, pp. 808-818.
9. Kalaba, D., **Đorđević, M.**, Mančić, M., Comparison of Reliability Indicators of the Thermal Power System Obtained by Different Weibull Distribution Models, *Proceedings of the XV International May Conference on Strategic Management – IMCSM19*, May 24 – 26, 2019, Bor, Serbia, ISSN 2620-0597, pp. 183-194.
10. Mančić, M.**,** Živković, D., **Đorđević, M.**, Optimisation of Polygeneration Systems with Utilization of Renewable Energy Sources, *Proceedings of the 4th International Conference Mechanical Engineering in XXI Century,* April 19-20, 2018, Niš, Serbia, ISBN 978-86-6055-103-2, pp. 37-40.
11. Mančić, M., Živković, D., Rajić, M., **Đorđević, M.**, A Trnsys Model of a Polygeneration Energy Supply System, *XIV International SAUM Conference on Systems, Automatic Control and Measurements*, November 14th-16th, 2018, Niš, Serbia, ISBN 978-86-6125-205-1, pp. 105-109.
12. Mančić, M.**,** Živković, D., **Đorđević, M.**, Jovanović, M., Rajić, M., Mitrović, D., Techno-Economic Optimization of Configuration and Capacity of a Polygeneration System for the Energy Demands of a Public Swimming Pool Building, *Proceedings of the 18th Symposium on Thermal Science and Engineering of Serbia, SIMTERM 2017*, October 17-20, 2017, Soko Banja, Serbia, ISBN 978-86-6055-098-1, pp 47-58.
13. Mančić, M, Živković, D., Mitrović, D., **Đorđević, M.**, Jovanović, M., Optimal Configuration of a Polygeneration System for the Energy Demands of a Public Swimming Pool Building, *Proceedings of the 13th International Conference on Accomplishments in Mechanical and Industrial Engineering, DEMI 2017,* May 26-27, 2017, Banja Luka, Republic of Srpska, ISBN: 978-99938-39-72-9, pp. 387-398.
14. Mančić, M., Živković, D., **Đorđević, M.**, Jovanović, M., Rajić, M., Optimisation of a Polygeneration System for the Energy Demands of an Indoor Swimming Pool, *Proceedings of the 3rd International Conference on Mechanical Engineering Technologies and Applications, COMETa 2016*, pp. 375-384.
15. **Đorđević, M.**, Stefanović, V., Pavlović, S., Mančić, M., Numerical Analyses of the Radian Heat Flux Produced by Quartz Heating System, *Proceedings of the 3rd*

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17. Kocić, S., Petrović, I., Mančić, M., Živković, D., **Đorđević, M.,** Comparative Analysis of Energy Efficiency of Two Indoor Swimming Pools Using the Energy Balance Method, *Proceedings of V International Conference Industrial Engineering and Environmental Protection (IIZS 2015)*, pp 22-32, ISBN 978-86-7672-259-4.
18. Pavlović, S., Vasiljević, D., Stefanović, V., **Đorđević, M.**, Mančić, M., Ray Tracing Study to Determine Optical Performance of Dish Solar Thermal Concentrator, *17th Symposium on Thermal Science and Engineering of Serbia*, Sokobanja, Serbia, October 20–23, 2015, ISBN 978-86-6055-076-9.
19. **Đorđević, M.**, Stefanović, V., Vukić, M., Numerical Investigation on the Convective Heat Transfer in a Spiral Coil with Radiant Heating, *Proceedings of the 17th Symposium on Thermal Science and Egineering of Serbia, SIMTERM 2015*, October 20-23, 2015, Sokobanja, Serbia, ISBN 978-86-6055-076-9, pp. 836-844.
20. Kalaba, D., **Đorđević , M.,** Ivanović, V.,Determining the Theoretical Reliability Functions of the Thermal Power System in Power Plant "Pljevlja", *Proceedings of the 17th Symposium on Thermal Science and Egineering of Serbia, SIMTERM 2015*, October 20-23, 2015, Sokobanja, Serbia, ISBN 978-86-6055-076-9, pp. 749-755.
21. Kalaba, D., **Đorđević, M.**, Kirin, S., Determining the Theoretical Failure Rate Function of the Thermal Power System in Power Plant "Nikola Tesla, Block B2", *Proceedings of the 7th International Scientific and Expert Conference TEAM 2015* **,** 14–16 October 2015, Belgrade, Serbia, ISBN 978-86-7083-877-2**,** pp. 310-313.
22. **Đorđević, M.,** Kalaba, D., Adamović, D., Comparison of Reliability Functions of the Thermal Power System Obtained by Different Weibull Distribution Models, *Proceedings of International Conference POWER PLANTS 2014*, October 28th-31st, 2014, Zlatibor, Serbia, ISBN 978-86-7877-024-1.
23. Kalaba, D., **Đorđević, M.**, Adamović, D., Determining the Theoretical Reliability Functions of Thermal Power System Using Complex Weibull Distribution, *Proceedings of International Conference POWER PLANTS 2014*, October 28th-31st, 2014, Zlatibor, Serbia, ISBN 978-86-7877-024-1.
24. Mančić, M., Živković, D., Todorović, M., **Đorđević, M**., Experimental Evaluation of Evaporation Rates from Water Surface of an Indor Swimming Pool, *Proceedings of the IV International Conference Industrial Engineering and Environmental Protection (IIZS 2014)*, October 15th, 2014, Zrenjanin, Serbia, ISBN: 978-86-7672-234-1, pp. 226-231.
25. **Đorđević, M.**, Bajmak, Š., Mančić, M., A Parametric Study on Correlations for Transport Parameters in Fixed Bed Regenerators, *Proceedings of the 16th Symposium on Thermal Science and Egineering of Serbia, SIMTERM 2013*, October 22-25, 2013, Sokobanja, Serbia, ISBN 978-86-6055-043-1, pp. 324-335.
26. Bajmak, Š., **Đorđević, M.**, Possibilities of Applying Heta Lower Temperature Levels for Heating by Using Two-Stage Heat Pump, *Proceedings of the 16th Symposium on Thermal Science and Egineering of Serbia, SIMTERM 2013*, October 22-25, 2013, Sokobanja, Serbia, ISBN 978-86-6055-043-1, pp. 437-443.
27. Kalaba, D., **Đorđević, M.**, Adamović, D., Determining the Theoretical Reliability Functions of the Thermal Power Systems in Power Plant "Nikola Tesla A", *Proceedings of the 16th Symposium on Thermal Science and Egineering of Serbia, SIMTERM 2013*, October 22-25, 2013, Sokobanja, Serbia, ISBN 978-86-6055-043-1, pp. 400-407.
28. **Đorđević, M.**, Pavlović, S., Performance Analyses of a Thermally Stratified Sensible Heat Storage in a Solar Powered Absorption Cooling System, *Proceedings of the 2nd*

International Conference Mechanical Engineering in XXI Century, MASING 2013, June 20-21, 2013, Niš, Serbia, ISBN 978-86-6065-039-4, pp. 189-192.

29. Pavlović, S., Stefanović, V., **Đorđević, M.**, Review of Software for Simulation and Optimization of Middle and High Temperature Solar Collectors, *Proceedings of the 2nd International Conference Mechanical Engineering in XXI Century, MASING 2013*, June 20-21, 2013, Niš, Serbia, ISBN 978-86-6065-039-4, pp. 183-188.
30. Mančić, M., Živković, D., **Đorđević, M.**, Todorović, M., Pavlović, S., Comparison of Performances of Micro Hibrid Trigeneration System for Energy Demands of a Small Residential Building, *Proceedings of the III International Conference Industrial Engineering and Environmental Protection (IIZS 2013)*, October 30th, 2013, Zrenjanin, Serbia, ISBN 978-86-7672-208-2, pp. 388-393.
31. Mančić, M., **Đorđević, M.**, Petrović, E., Milisavljević, J., Turbulence Intensity in a Smoth Tube Measuring with Hot Wire Anemomometer, *Proceedings of 29th Danubia-Adria Symposium on Advences in Experimental Mechanics*, September 26th – 29th, 2012, Belgrade, Serbia, ISBN 978-86-7083-762-1, pp. 210-213.
32. Milisavljević, J., Petrović, E., Ćirić, I., Mančić, M., Marković, D., **Đorđević, M.**, Tensile Testing for Different Types of Polymers, *Proceedings of 29th Danubia-Adria Symposium on Advences in Experimental Mechanics*, September 26th – 29th, 2012, Belgrade, Serbia, ISBN 978-86-7083-762-1, pp. 266-269.
33. Kalaba, D., **Đorđević, M.**, Radaković, Z., Kirin, S., Determining the Availability Function of the Thermal Power System in Power Plant "Nikola Tesla, Block A4", *Proceedings of International Conference POWER PLANTS 2012*, October 30th – November 2nd, 2012, Zlatibor, Serbia, ISBN 978-86-7877-021-0.
34. Stefanović, V., Pavlović, S., Stojanović, A., Mančić, M., **Đorđević, M.**, Experimental Determination and Review of Heat Performances of Three Flat Collectors and a CPC-2V Concentrating Collector with a Small Concentration Ratio, *Proceedings of 15th Symposium on Thermal Science and Engineering of Serbia, SIMTERM 2011*, October 18–21, 2011, Sokobanja, Serbia, ISBN 978-86-6055-018-9, pp. 529-541.
35. Stefanović, V., Pavlović, S., Mančić, M., Stojanović, A., **Đorđević, M.**, Mathematical Model and Numerical Simulation of CPC-2V Concentrating Solar Collector, *Proceedings of 15th Symposium on Thermal Science and Engineering of Serbia, SIMTERM 2011*, October 18–21, 2011, Sokobanja, Serbia, ISBN 978-86-6055-018-9, pp. 219-232.
36. Mančić, M., Živković, D., Stefanović, V., **Đorđević, M.**, Pavlović, S., Review of Software for Simulation and Optimization of Energy Systems, *Proceedings of 15th Symposium on Thermal Science and Engineering of Serbia, SIMTERM 2011*, October 18–21, 2011, Sokobanja, Serbia, ISBN 978-86-6055-018-9, pp.113-126.
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38. Miltenović, V., Kocić, M., **Đorđević, M.**, Milenković, J., Conceptual Solution for Puryfing Industrial Waste Water Using "Triz" Methodology, *Proceedings of The International Conference Mechanical Engineering in XXI Century*, November 25-26., 2010, Niš, Serbia, ISBN 978-86-6055-008-0, pp. 125-128.

Радови са домаћих конференција

1. Bajmak, Š., **Đorđević, M.**, Daljinsko hlađenje, analiza centralnih sistema i koeficijenta daljinskog hlađenja, *ENERGETIKA 2013*, Mart 2013, Zlatibor, Srbija, ISSN: 0354-8651, pp. 314-321.
2. Kalaba, D., **Đorđević, M.**, Prilog metodi određivanja teoretske funkcije pouzdanosti termoenergetskih sistema, *Majska konferencija o strategijskom menadžmentu*, Maj 25 - 27., 2012, Bor, Srbija, ISBN: 978-86-80987-96-5, str. 677-686.

Књиге и монографије

Напомена: свака књига/монографија мора да има наведене: ауторе, годину публиковања, назив издавача, ИСБН број и тип књиге (уџбеник, монографија, помоћни уџбеник ...).

1. **Милан Ђорђевић**, Марко Манчић, Збирка задатака из термодинамике, 2021, Факултета техничких наука у Косовској Митровици, ISBN 978-86-81656-21-1 (помоћни уџбеник).

Пројекти

Национални

1. „Истраживање и развој енергетски и еколошки високоефективних система полигенерације заснованих на обновљивим изворима енергије“, научно–истраживачки пројекат ИИИ 42006, Министарство просвете, науке и технолошког развоја Републике Србије, 2011–2019.
2. „Полигенерација – фактор одрживог развоја“, Пројекат подстицања активности научних и стручних друштава које су у функцији унапређења научно-истраживачког рада, промоције и популаризације науке и технике, Центар за промоцију науке Републике Србије (Одлука Управног одбора Центра за промоцију науке број 338/12-1 од 10.05.2012. године);

Међународни

1. CA20109 MODENERLANDS - Modular Energy Islands for Sustainability and Resilience, COST (European Cooperation in Science and Technology), 2021- .

Области интересовања

Простирање топлоте и масе, Обновљиви извори енергије, Енергетска ефикасност

Други подаци које сматрате релевантним (признања, награде, елаборати, студије, чланства, сертификати, усавршавања, комерцијални пројекти итд.)