

## I. Knjige (Books)

### I.2. Urednik /kourednik (Editor / Co-editor)

1. **Karabegović, I.** (Ed), 2025, *Industry of the Future: From Industry 4.0 to Industry 5.0 - Integration of Technology and People (Industrija budućnosti: Od Industrije 4.0 do Industrije 5.0-Integracija tehnologije i čovjeka)*, International Scientific Conference, Academy of Sciences and Arts of Bosnia and Herzegovina, Special Editions, Volume CCXX, Department of Technical Sciences, Volume 24. Academy of Sciences and Arts of Bosnia and Herzegovina, Sarajevo. 299 pages. <https://doi.org/10.5644/PI2025.220.00>.
2. **Karabegović, I., Kovačević, A., Mandžuka, S.** (Eds), 2025, *New Technologies, Development and Application VIII: Advanced Production Processes and Intelligent Systems. Volume 1.* Lecture Notes in Networks and Systems. Springer, Heidelberg. 789 pages. <https://doi.org/10.1007/978-3-031-95194-7>.
3. **Karabegović, I., Kovačević, A., Mandžuka, S.** (Eds), 2025, *New Technologies, Development and Application VIII: Advanced Production Processes and Intelligent Systems. Volume 2.* Lecture Notes in Networks and Systems. Springer, Heidelberg. 270 pages. <https://doi.org/10.1007/978-3-031-95197-8>.
4. **Karabegović, I., Kovačević, A., Mandžuka, S.** (Eds), 2025, *New Technologies, Development and Application VIII: Advanced Production Processes and Intelligent Systems. Volume 3.* Lecture Notes in Networks and Systems. Springer, Heidelberg. 599 pages. <https://doi.org/10.1007/978-3-031-95200-5>.
5. **Karabegović, I., Kovačević, A., Pašić, S., Mandžuka, S.** (Eds), 2025, *Book of Abstracts: 11th Int. Conf. – New Technologies, Development and Application, 26–28 June, Sarajevo*, Society for Robotics in Bosnia and Herzegovina. ISSN 2303-7512, 186 pages. Book of Abstracts NT-2025. pdf.
6. **Karabegović, I., Majstorović, V.** (Eds), 2024, *Industrija 4.0: Digitalna transformacija oblikuje budućnost (Industry 4.0: Digital Transformation Shaping the Future)*, Društvo za robotiku u Bosni i Hercegovini, Bihać, Akademija nauka i umjetnosti Bosne i Hercegovine, Sarajevo. ISBN 978-9958-9262-8-0, ISBN 978-9926-410-94-0, 580 str. <https://bastina.anubih.ba/handle/123456789/789>.
7. **Karabegović, I.** (Ed), 2024, *Artificial Intelligence in Industry 4.0: The Future That Comes True (Umjetna inteligencija u Industriji 4.0: Budućnost koja se ostvaruje)*, Int. Scientific Conf., Academy of Sciences and Arts of Bosnia and Herzegovina, Special Editions, Volume CCXV, Department of Technical Sciences, Volume 22. Academy of Sciences and Arts of Bosnia and Herzegovina, Sarajevo. ISBN 978-9926-410-99-5: 330 pages. <https://bastina.anubih.ba/handle/123456789/791>.
8. **Karabegović, I., Kovačević, A., Mandžuka, S.** (Eds), 2024, *New Technologies, Development and Application VII: Advanced Production Processes and Intelligent Systems, Volume 1*, Lecture Notes in Networks and Systems. Springer, Heidelberg. 765 pages. <https://doi.org/10.1007/978-3-031-66268-3>.
9. **Karabegović, I., Kovačević, A., Mandžuka, S.** (Eds), 2024, *New Technologies, Development and Application VII: Advanced Production Processes and Intelligent Systems. Volume 2.* Lecture Notes in Networks and Systems. Springer, Heidelberg. 700 pages. <https://doi.org/10.1007/978-3-031-66271-3>.
10. **Karabegović, I., Kovačević, A., Pašić, S., Mandžuka, S.** (Eds), 2024, *Book of Abstracts: 10th Int. Conf. – New Technologies, Development and Application, 20–22 June, Sarajevo*, Society for Robotics in Bosnia and Herzegovina. ISSN 2303-7512, 162 pages. <https://www.icnt.ba/>.

11. **Karabegović, I.** (Ed), 2023, *Basic Technologies and Models for Implementation of Industry 4.0 (Bazne tehnologije i modeli za implementaciju Industrije 4.0)*, Int. Scientific Conf., Academy of Sciences and Arts of Bosnia and Herzegovina, Special Editions, Volume CCIX, Department of Technical Sciences, Volume 21. Academy of Sciences and Arts of Bosnia and Herzegovina, Sarajevo. ISBN 978-9926-410-89-6, 367 pages.  
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12. **Karabegović, I., Kovačević, A., Mandžuka, S.** (Eds), 2023, *New Technologies, Development and Application VI: Advanced Production Processes and Intelligent Systems. Volume 1.* Lecture Notes in Networks and Systems. Springer, Heidelberg. 749 pages. <https://doi.org/10.1007/978-3-031-31066-9>.
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14. **Karabegović, I., Kovačević, A., Pašić, S., Mandžuka, S.** (Eds), 2023, *Book of Abstracts: 9th Int. Conf. – New Technologies, Development and Application, Sarajevo, Bosnia and Herzegovina, 22–24 June, Sarajevo*, Society for Robotics in Bosnia and Herzegovina. ISSN 2303-7512, 158 pages. <https://www.icnt.ba/>
15. **Karabegović, I.** (Ur), 2022, *Implementacija Industrije 4.0: Put u budućnost (Implementation of Industry 4.0: The Path into the Future)*, Regionalno naučno-stručno savjetovanje, Vanjskotrgovinska komora Bosna i Hercegovine, Sarajevo i Društvo za robotiku u Bosni i Hercegovini, Bihać. ISBN 978-9926-426-05-7, ISBN 978-958-9262-7-3, 190 pages.
16. **Karabegović, I., Kovačević, A., Mandžuka, S.** (Eds), 2022, *New Technologies, Development and Application V: Advanced Production Processes and Intelligent Systems*, Lecture Notes in Networks and Systems. Springer, Heidelberg. ISSN 2367-3370, 1122 pages. <https://doi.org/10.1007/978-3-031-05230-9>.
17. **Karabegović, I., Kovačević, A., Pašić, S., Mandžuka, S.** (Eds), 2022, *Book of Abstracts: 8th Int. Conf. – New Technologies, Development and Application, 23–25 June, Sarajevo*, Society for Robotics in Bosnia and Herzegovina. ISSN 2303-7512: 143 pages. <https://www.icnt.ba/>.
18. **Karabegović, I.** (Ed), 2022, *Application of Industry 4.0: An Opportunity for a New Step Forward in All Industrial Branches (Aplikacija Industrije 4.0: Prilika za novi iskorak u svim industrijskim granama)*, Int. Scientific Conf., Academy of Sciences and Arts of Bosnia and Herzegovina, Special Editions, Volume CCII, Department of Technical Sciences, Volume 20. Academy of Sciences and Arts of Bosnia and Herzegovina, Sarajevo. ISBN 978-9926-410-75-9, 192 pages. <https://bastina.anubih.ba/items/ef639a0f-0fbc-42af-b6aa-71bcfe482b1d>.
19. **Karabegović, I., Banjanović-Mehmedović, L.** (Eds), 2021, *Service Robots: Advances in Research and Application*. NOVA Science Publishers, New York. ISBN 978-1-53619-573-6, 377 pages. <https://novapublishers.com/shop/service-robots-advances-in-research-and-applications>.
20. **Karabegović, I., Husak, E., Vojić, S., Isić, S., Mahmić, M., Karabegović, E., Šemić, E., Đukanović, M.** (Eds), 2021, *Mehatronika: Modeliranje – Simuliranje – Dizajn (Mechatronics: Modeling – Simulation – Design)*, Mašinski fakultet Univerziteta “Džemal Bijedić”, Mostar. ISBN 978-9926-434-45-8, 426 str.
21. **Karabegović, I., Kovačević, A., Mandžuka, S.** (Eds), 2021, *New Technologies, Development and Application IV: Advanced Production Processes and Intelligent Systems*, Lecture Notes in Networks and Systems. Springer, Heidelberg. 1224 pages. <https://doi.org/10.1007/978-3-030-75275-0>.
22. **Karabegović, I., Kovačević, A., Pašić, S., Mandžuka, S.** (Eds), 2021, *Book of Abstracts: 7th Int. Conf. – New Technologies, Development and Application, 24–26 June, Sarajevo*,

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23. **Karabegović, I.**, Banjanović-Mehmedović, L. (Eds), 2020, *Industrial Robots: Design, Application and Technology*, NOVA Science Publishers, New York. ISBN 978-1-53617-779-4, 443 pages. <https://novapublishers.com/shop/industrial-robots-design-applications-and-technology>.
24. **Karabegović, I.**, Kovačević, A., Mandžuka, S. (Eds), 2020, *New Technologies, Development and Application III: Advanced Production Processes and Intelligent Systems*, Lecture Notes in Networks and Systems. Springer, Heidelberg. 994 pages. <https://doi.org/10.1007/978-3-030-46817-0>.
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26. **Karabegović, I.**, Kovačević, A., Pašić, S., Mandžuka, S. (Eds), 2020, *Book of Abstracts: 6th Int. Conf. – New Technologies, Development and Application, 25–27 June, Sarajevo*, Society for Robotics in Bosnia and Herzegovina. ISSN 2303-7512, 122 pages. <https://www.icnt.ba/>.
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28. **Karabegović, I.**, Haznadar, Z., Pašić, S. (Eds), 2019, *Book of Abstracts: 5th Int. Conf. – New Technologies, Development and Application, 23–25 June, Sarajevo*, Society for Robotics in Bosnia and Herzegovina. ISSN 2303-7512, 130 pages. <https://www.icnt.ba/>.
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