

ADMITERE DOCTORAT

Sesiunea Septembrie 2024

Domeniul de doctorat:

Conducător de doctorat:

TEME (TEMATICI) PENTRU CONCURS

TEMA 1: MANAGEMENTUL TEHNOLOGIILOR DE INJECTARE MASE PLASTICE

Conţinut / Principalele aspecte abordate - *se va adapta/completa/elimina, după caz*

Bibliografie recomandată:

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<http://dx.doi.org/10.1177/0307174x0703400202>.

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2. Pflëging, W., T. Hanemann, M. Torge, and W. Bernauer. "Rapid fabrication and replication of metal, ceramic and plastic mould inserts for application in microsystem technologies." *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science* 217, no. 1 (January 1, 2003): 53–63.
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8. Abd Aziz, Ahmad Aizuddin Bin, Shamsuddin Sulaiman, Aung Lwin Moe, and Aminudin bin Abu. "Investigation of Plastic Injecting Moulding Process Optimization in Complex Shape Product." *Applied Mechanics and Materials* 695 (November 2014): 260–64. <http://dx.doi.org/10.4028/www.scientific.net/amm.695.260>.

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9. Hunold, D. "Injection Moulding of Silicone Rubber." *International Polymer Science and Technology* 29, no. 5 (May 2002): 1–4. <http://dx.doi.org/10.1177/0307174x0202900501>.

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10. Delafield, P. A. "Injection Moulding of Thermo-Plastic Compounds." *Journal of the Society of Dyers and Colourists* 53, no. 3 (October 22, 2008): 82–86. <http://dx.doi.org/10.1111/j.1478-4408.1937.tb01951.x>.

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11. Peters, G. W. M., P. J. L. van der Velden, H. E. H. Meijer, and P. Schoone. "Multilayer Injection Moulding." *International Polymer Processing* 9, no. 3 (September 1994): 258–65. <http://dx.doi.org/10.3139/217.940258>.

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12. Carus, Michael, and Christian Gahle. "Injection moulding with natural fibres." *Reinforced Plastics* 52, no. 4 (April 2008): 18–25. [http://dx.doi.org/10.1016/s0034-3617\(08\)70101-2](http://dx.doi.org/10.1016/s0034-3617(08)70101-2).

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14. Chalaya, N. M., and O. Ya Mikhasenok. "New Technology for Foaming Plastics in Injection Moulding." *International Polymer Science and Technology* 30, no. 7 (July 2003): 52–54. <http://dx.doi.org/10.1177/0307174x0303000712>.

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15. Llewelyn, Gethin, Andrew Rees, Christian A. Griffiths, and Steffen G. Scholz. "Advances in microcellular injection moulding." *Journal of Cellular Plastics* 56, no. 6 (March 17, 2020): 646–74. <http://dx.doi.org/10.1177/0021955x20912207>.

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16. Hopmann, Christian, Kirsten Bobzin, Roman Schoeldgen, Mehmet Oete, Johannes Wunderle, Thomas F. Linke, and Philipp Ochotta. "IMKS and IMMS: two methods for the production of plastic parts featuring metallic areas." *Journal of Polymer Engineering* 36, no. 6 (August 1, 2016): 549–56. <http://dx.doi.org/10.1515/polyeng-2014-0281>.

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21. Arifin, Mohd Khairol A., Shamsuddin Sulaiman, B. T. Hang Tuah Baharudin, Tang Sai Hong, and S. Sreenivasan. "Simulation of Thermoset Injection for Bulk Moulding Compounds (BMC)." *Key Engineering Materials* 471-472 (February 2011): 1101–6. <http://dx.doi.org/10.4028/www.scientific.net/kem.471-472.1101>.

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22. Kiatmanaroj, S., V. Goodship, and G. F. Smith. "Sandwich Injection Moulding of Thermosetting Materials Part II: Effects of Moulding Parameters." *Progress in Rubber, Plastics and Recycling Technology* 21, no. 1 (February 2005): 27–38. <http://dx.doi.org/10.1177/147776060502100102>.

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33. Chethan, K. N., V. Sabarinathan, R. Vivek Ram, and G. T. Mahesh. "Numerical Analysis and Fabrication of Battery Holder for Two Wheelers." *Journal of Advanced Research in Fluid Mechanics and Thermal Sciences* 78, no. 2 (December 10, 2020): 114–31. <http://dx.doi.org/10.37934/arfmts.78.2.114131>.

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34. Crawford, R. "Reaction injection moulding: Polymer chemistry and engineering." *Polymer* 26, no. 8 (August 1985): 1278. [http://dx.doi.org/10.1016/0032-3861\(85\)90268-x](http://dx.doi.org/10.1016/0032-3861(85)90268-x).

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35. Pol'skii, V. A. "The Procedure for Determining the Moulding Cycle on An Automatic Thermoplastics Injection Moulding Machine." *International Polymer Science and Technology* 36, no. 6 (June 2009): 45–47. <http://dx.doi.org/10.1177/0307174x0903600611>.

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37. Burkle, E., M. Sieverding, and J. Mitzler. "Injection Moulding of Long Glass Fibre Reinforced Polypropylene." *International Polymer Science and Technology* 31, no. 2 (February 2004): 11–14. <http://dx.doi.org/10.1177/0307174x0403100202>.

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38. Baranov, A. V., and O. Kh Dakhin. "Optimising the Injection Moulding of Mechanical Rubber Goods." *International Polymer Science and Technology* 41, no. 7 (July 2014): 33–36. <http://dx.doi.org/10.1177/0307174x1404100706>.

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39. Scheffler, T., H. Saalbach, S. English, and M. Gehde. "Process Monitoring during Injection Moulding of Thermosetting Materials." *International Polymer Science and Technology* 42, no. 8 (August 2015): 1–8. <http://dx.doi.org/10.1177/0307174x1504200801>.

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45. Hadi, H., K. Azaar, A. El Brouzi, R. Granger, and J. M. Vergnaud. "Injection moulding of thermosets. Effect of the temperature of injection." *European Polymer Journal* 29, no. 4 (April 1993): 575–83. [http://dx.doi.org/10.1016/0014-3057\(93\)90020-g](http://dx.doi.org/10.1016/0014-3057(93)90020-g).

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46. Michaeli, W., and C. Starke. "Ultrasonic investigations of the thermoplastics injection moulding process." *Polymer Testing* 24, no. 2 (April 2005): 205–9. <http://dx.doi.org/10.1016/j.polymertesting.2004.08.009>.

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47. Goodship, V., R. L. Stewart, R. Hansell, E. O. Ogur, and G. F. Smith. "Microcellular Foaming with Supercritical CO₂ in Injection Moulding." *Cellular Polymers* 23, no. 1 (January 2004): 25–38. <http://dx.doi.org/10.1177/026248930402300102>.

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Note /Precondiții / Obs.: se va adapta/completa/elimina, după caz

Doctorat științific (doar cu frecvență)

Doctorat profesional în domeniile Muzică și Știința sportului și educației fizice (cu frecvență sau frecvență redusă)

cu finanțare de la bugetul de stat

cu taxă sau cu finanțare din alte surse decât bugetul de stat

TEMA 2: INGINERIA SI MANAGEMENTUL INTEGRAT CALITATE - SIGURANTA ALIMENTARA - MEDIU ÎN ALIMENTAȚIA PUBLICĂ

Conținut / Principalele aspecte abordate - se va adapta/completa/elimina, după caz

Bibliografie recomandată:

Standarde și Ghiduri Industriale

1. ISO 22000:2018 - *Food safety management systems - Requirements for any organization in the food chain.*
2. ISO 9001:2015 - *Quality management systems - Requirements.*
3. Codex Alimentarius - *International Food Standards.*
4. IFS Food.

Managementul Calității

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2. Olaru, M. (1999). *Managementul calității.* Editura Economică.
3. Petrescu, I. (2005). *Managementul calității în economia cunoașterii.* Editura Expert.
4. Staiculescu, C. (2006). *Managementul calității în organizațiile moderne.* Editura Tehnică.

Industria Alimentară

1. Manole, V. (2006). *Managementul calității produselor agroalimentare.* Editura ASE.
2. Banu, C. (2007). *Manualul inginerului de industrie alimentară.* Vol. 1 și 2. Editura Tehnică.
3. Simion, M. (2008). *Controlul calității produselor alimentare.* Editura Risoprint.

Marketing și Satisfacția Clienților

1. Kotler, P., & Keller, K. L. (2012). *Managementul marketingului.* Editura Teora.
2. Ionescu, Gh. Gh. (2001). *Marketingul serviciilor.* Editura Uranus.
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Standarde și Norme

1. Bărbulescu, C. (2004). *Standardizarea, certificarea și managementul calității.* Editura MatrixRom.
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Doctorat științific (doar cu frecvență)

**Doctorat profesional - în domeniile Muzică și Știința sportului și educației fizice
(cu frecvență sau frecvență redusă)**

cu finanțare de la bugetul de stat

cu taxă sau cu finanțare din alte surse decât bugetul de stat

TEMA 3: INGINERIE ȘI MANAGEMENT ÎN OSPITALITATEA DE LUX ÎN FUNCȚIE DE GENERAȚIE: ADAPTAREA LA PREFERINȚELE GENERAȚIEI Y

Conținut / Principalele aspecte abordate - *se va adapta/completa/elimina, după caz*

Bibliografie recomandată:

1. Benckendorff, P., Moscardo, G. și Pendergast, D. (2010) *Tourism and Generation Y*, CAB International: Oxfordshire, UK; Cambridge, MA, USA, ISBN 9781845936020.
2. Farina, A.I., Turkel, G.G, (2015) Identifying the Needs of Gen Y by Exploring Their Value Systems: A Qualitative Study. *International Journal of Trade, Economics and Finance*, Vol. 6, No. 6, December 2015, pp. 290 – 291.
3. Helmi, A., Sarasi, V., Kaltum, U., Suherman, Y. (2021) Discovering the values of generation X and millennial consumers in Indonesia. *Innovative Marketing*, Volume 17, Issue 2, 2021, p. 2.
4. Kamboj, R. și Sharma, P. (2016) *Tourism for Tomorrow: Travel Trends across Generations: From Baby Boomers to Millennials*. *Amity Research Journal of Tourism, Aviation and Hospitality*, Vol. 01, issue 02, July-Dec.
5. Monaco, S. (2018) *Tourism and the new generations: emerging trends and social implications in Italy*, *Journal of Tourism Futures*, pp.2-4. Disponibil pe URL <https://doi.org/10.1108/JTF-12-2017-0053>.
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12. Jain, V., Wirtz, J., Salunke, P., Nunkoo, R., & Sharma, A. (2023). *Luxury hospitality: A systematic literature review and research agenda*. *International Journal of Hospitality Management*, 115, 103597.
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14. Han, S. L., & Kim, K. (2020). Role of consumption values in the luxury brand experience: Moderating effects of category and the generation gap. *Journal of Retailing and Consumer Services*, 57, 102249.
15. Buehring, J., & O'Mahony, B. (2019). Designing memorable guest experiences: development of constructs and value generating factors in luxury hotels. *Journal of Hospitality and Tourism Insights*, 2(4), 358-376.
16. Yang, W., & Mattila, A. S. (2016). Why do we buy luxury experiences? Measuring value perceptions of luxury hospitality services. *International Journal of Contemporary Hospitality Management*, 28(9), 1848-1867.
17. Kim, K., & Baker, M. A. (2022). Luxury branding in the hospitality industry: The impact of employee's luxury appearance and elitism attitude. *Cornell Hospitality Quarterly*, 63(1), 5-18.
18. Eijdenberg, E. L., Thirumaran, K., & Mohammadi, Z. (2024). Luxury hospitality revisited: A Cambodian perspective. *Journal of Hospitality and Tourism Management*, 58, 409-418.
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21. Kapferer, J. N., & Bastien, V. (2012). *The luxury strategy: Break the rules of marketing to build luxury brands*. Kogan page publishers.
22. Yang, W., & Mattila, A. S. (2017). The impact of status seeking on consumers' word of mouth and product preference—A comparison between luxury hospitality services and luxury goods. *Journal of Hospitality & Tourism Research*, 41(1), 3-22.
23. Heyes, A. (2021). What is luxury hospitality? A need to move towards a scientific understanding. *Research in Hospitality Management*, 11(2), 67-69.

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cu finanțare de la bugetul de stat

cu taxă sau cu finanțare din alte surse decât bugetul de stat

Conducător de doctorat,

Coordonatorul domeniului de doctorat,

Prof. dr. Ing. Anisor NEDELCU

Prof. dr. Ing. Gavril CALEFARIU

Semnătură

Semnătură

