

**Autorul tezei de abilitare:** Prof. dr. ing. Adriana Florescu

**Titlul tezei de abilitare:** *Cercetări privind modelarea și simularea Sistemelor Flexibile de Producție în contextul Industry 4.0 și integrarea Lean Management*

**Domeniul:** Inginerie și management

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## **ALTE LUCRĂRI / REALIZĂRI RELEVANTE**

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6. Dumitrascu, A.E., Lepădătescu, B., **Fota, A.**, Case Study Regarding the Implementation of Risks Management Procedure for Flexible Manufacturing Systems, 8th International Conference on "Standardization, Prototypes & Quality: A Means of Balkan Countries' Collaboration", 7-8 oct. 2011, Thessaloniki, Grecia.
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19. Boncoi Gh., Boldiș M., **Fota A.**, Concept of "System" in Process by Mechanical Processing – Part I. International Conference of Machine – Tools, CNMU' 98, București, 1998, România, TCMM nr. 33, ISBN 973- 31- 1236- 4, pag. 335-339.

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#### **Proiecte de cercetare științifică în calitate de director de proiect**

1. Cercetări teoretice și aplicative privind dimensionarea, configurarea și simularea sistemelor flexibile de fabricație pentru prelucrarea arborilor circulari. Contract CNC SIS tip IDEI: PN-II-ID-PCE-2008-2, cod ID\_756 competiție națională, 2009-2011; 239.338,35 lei.
2. Cercetări privind aplicarea tehnologiilor disruptive în domeniul fabricației inteligente. Contract de cercetare științifică cu terți, Nr. 14731/16.12.2020, Universitatea Transilvania din Brasov, perioada: 2020-2022; 29.750 lei.
3. Contract CNC SIS tip PN-III-P1-1.1-MC- 2017-1155; Nr. 253 / 2017, 1050E, competiție națională: Simulation Tool for Assessing the Performance of a Flexible Manufacturing System.
4. Contract CNC SIS tip PN-II-RU-MC-2008, contract nr. 19340/17.12.2008, cod MC\_109/09.2009, 1400 E, competiție națională: The synthesis of manufacturing task in flexible manufacturing systems.

#### **Proiect internațional: membru / coordonator științific**

5. Program INTERREG IVC, nr. 02666 R1 / 2008, Proiect: *DIGITAL CITIES: A network for rapid and sustainable ICT regional adoption*, 2008-2011, Coordonator științific. Director de proiect: Prof.dr.ing. Talabă Doru

Data

7.07.2022

Prof. dr. ing. Adriana FLORESCU

