

## INFORMAII PERSONALE JURJ LENARD

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## EXPERIENȚA PROFESIONALĂ

2013 noi.-2017 ian S.C C-con S.R.L - Inginer proiectant stație  
 2017 ian.-2018 oct S.C C-con T.D. S.R.L - Inginer proiectant stație  
 2018 oct.- prezent S.C RASKO ENGINEERING S.R.L– Inginer proiectant stație

## EDUCAȚIE ȘI FORMARE

2015-2019 Universitatea "Transilvania" Brașov, Romania; Facultatea: Design de Produs și Mediu  
 Teză: Cercetări teoretice și experimentale asupra frecării din lanțurile dințate;  
 Conducător științific: prof.dr.ing. Radu Velicu

2013-2015 Universitatea "Transilvania" Brașov, Romania; Facultatea: Ing. Mecanică  
 Specializare: Virtual Engineering in Automotive Design ( Inginerie Virtuală în Proiectarea Autovehiculelor -lb. engleză)

2009-2013 Universitatea "Transilvania" Brașov, Romania; Facultatea: Ing. Mecanică  
 Specializare: Automotive Engineering ( Autovehicule Rutiere -lb. engleză)

## COMPETENȚE PERSONALE

Limba maternă Maghiară

## Alte limbi străine cunoscute

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
Engleză	B2	B2	B2	B2	B2
Germană	A1	A1	A1	A1	A1

Certificat de competență lingvistică

Granturi și contracte de cercetare științifică 2015-2018 - Membru - Contract de cercetare cu parteneri industriali internaționali – Chain Drive System Dynamic Tribology II, Schaeffler Group SRL, Herzogenaurach, Germania

- Competen e informatice
- Utilizator avansat software de modelare 3D CATIA (Part Design, Generative Shape Design, Assamby Design)
  - Utilizator software de modelare 3D NX
  - Utilizator software de modelare și analiză cu metoda elementului finit a sistemelor mecanice (CATIA,
  - Utilizator aplica ii birotică (MS Office)

## ANEXE

## Lucrări indexate ISI/BDI publicate

1. Velicu, R., Săulescu, R., Jurj, L., Contact point of bush-sprocket tooth depending on pitch differences of bush chain transmissions. 7th International Conference on Advanced Concepts in Mechanical Engineering IOP Publishing IOP Conf. Series: Materials Science and Engineering 147, 2016.
2. Săulescu, R., Jurj, L., Velicu, R., Centrifugal effect on shaft's release of chain transmissions 8th International Conference on Advanced Concepts in Mechanical Engineering (ACME) IOP Conference Series-Materials Science and Engineering, 444, 052006, Iasi, 2018.
3. Velicu, R., Jurj, L., Săulescu, R., Influence of profile angle on forces distribution on silent chain transmission, Fascicle of Management and Technological Engineering, Volume XXVI (XVI), p.23-26, 2017.
4. Jurj, L., Velicu, R., Influence of number of teeth and centrifugal force on forces distribution on silent chain transmissions, 7th International Conference on Advanced Concepts in Mechanical Engineering IOP Publishing IOP Conf. Series: Materials Science and Engineering, Iasi, 2017, published in: Mechanisms and Machine Science, 57, pp. 507-514, Springer, 2018.
5. Jurj, L., Velicu, R., Săulescu, R., Geometry of silent chain – involute sprocket, Annals of the Oradea University, Fascicle of Management and Technological Engineering, Oradea, 2018, MATEC Web of Conferences 184, 02003 (2018), Annual Session of Scientific Papers IMT ORADEA, 2018.
6. Jurj, L., Velicu, R., On the benchmarking of friction in timing chains, Annals of the Oradea University, Fascicle of Management and Technological Engineering, Oradea, 2018, MATEC Web of Conferences 184, 02002 (2018) Annual Session of Scientific Papers IMT ORADEA, 2018.
7. Jurj, L., Velicu, R., Lateș, M.T., Geometry influence on silent chain – sprocket friction, Proceedings of the XTH International Conference on Product Design, Robotics, Advanced Mechanical & Mechatronic Systems and Innovation – PRASIC, November 8-9, 2018, Brasov IOP Conf. Series: Materials Science and Engineering 514 (2019) 012014.
8. Velicu, R., Săulescu, R., Jurj, L., Influence of chain pitch increase on bush-sprocket contact for bush chain drives, Mechanisms and Machine Science, 57, pp. 515-522, 2018.
9. Jurj, L., Velicu, R., Short plane bearings lubrication applied on silent chain joints, Bulletin of the Transilvania University of Brasov, Vol. 9 (58) Special Issue No.2 – 2016 Series I - Proceedings of the IXTH International Conference on Product Design, Robotics, Advanced Mechanical & Mechatronic Systems and Innovation – PRASIC, November 10-11, 2016, Brasov, p.163-168, ISSN 2065-2119.
10. Velicu, R., Jurj, L., Short plane bearings lubrication applied on chain joints, Annals of the Oradea University, Fascicle of Management and Technological Engineering, Volume XXV, (XV) p. 19-22, ISSN 1583-0691(e), Oradea, 2016.
11. Jurj, L., Săulescu, R., Velicu, R. Sprocket – silent chain force distribution with the influence of friction, Current Solutions in Mechanical Engineering (ICOME 2015), Trans Tech Publications Ltd. Switzerland Craiova, 2017, Applied Mechanics and Materials, vol. 880, pp. 21-26, 2018.
12. Velicu R, Jurj L, Saulescu R, On the Centrifugal Effect on the Load of Chain and Belt Transmissions, Current Solutions in Mechanical Engineering (ICOME 2015), Trans Tech Publications Ltd. Switzerland Craiova, 2017, Applied Mechanics and Materials, Vol. 880, pp. 3-8, 2018.