

CURRICULUM VITAE

1. DATE PERSONALE

Nume: KÁNTOR

Prenume: JÓZSEF

Data: 01/06/2020

Semnătura: 

Adrese:

Loc de muncă:

Domiciliu:

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Cetățenie:

2. STUDIILE EFECTUATE

2.1. Studii universitare

- 2019 The University of Akron, Dept. of Chemical and Biomolecular Engineering, Ph.D.
- 2013 Sapiientia Erdélyi Magyar Tudományegyetem, Departamentul de Inginerie Mecanică, licență

2.2. Titluri tezelor și numele profesorilor conducători

- 2018 Synthesis and Electrospinning of Polyisobutylene-based Thermoplastic Elastomers, Dr. Judit E. Puskas (The University of Akron, USA).
- 2013 Reverse Engineering: Relevarea geometriei unei piese cu suprafață neanalitică utilizând scanarea 3D cu laser Și reproducerea acesteia cu prelucrare pe mașină CNC, Dr. Tolvaly-Roșca Ferenc (Sapiientia Erdélyi Magyar Tudományegyetem).

3. EXPERIENȚĂ PROFESIONALĂ

- 2019 feb.- Sapiientia EMTE, Departamentul de Inginerie Mecanică, lector
- 2019 jan.- S.C. Elitex Prodexim S.R.L., inginer de cercetare
- 2013-2018 The University of Akron, Dept. of Chemical and Biomolecular Engineering, research assistant (asistent de cercetare)
- 2012-2013 S.C. Elitex Prodexim S.R.L., inspector SSM

4. LUCRĂRI ȘTIINȚIFICE

4.1. Lucrări științifice publicate în reviste:

Publicate:

- 1 Gergely, A.; Kantor, J.; Bitay, E.; Biro, D. Electrospinning of Polymer Fibers Using Recycled PET. *Acta Materialia Transylvanica* **2019**, 2(1), 19-26.
- 2 Kantor, J.; Collister, E. A.; Puskas, J. E., Mallamaci, M. P.; Comes, V. C. Mechanical Performance of Novel Polyisobutylene-based Elastomeric Polyurethanes Before and After Hydrolysis. *Rubber Chemistry and Technology* **2019**, 92(3), 481-495.
- 3 Kantor, J.; Puskas, J. E.; Kaszas, G. The Effect of Reaction Conditions on the Synthesis of Thermoplastic Elastomers Containing Polyalloocimene, Polyisobutylene and Tapered Blocks. *Chinese Journal of Polymer Science* **2019**, 37(9), 884-890.
- 4 Alvarez Albarran, A.; Rosenthal-Kim, E.Q.; Kantor, J.; Liu, L. Nikolov, Z.; Puskas, J.E. Stimuli-responsive Antifouling Polyisobutylene-based Biomaterials via Modular Surface Functionalization. *J. Polym. Sci: Polym. Chem.* **2017**, 55, 1742–1749. DOI: 10.1002/pola.28540.
- 5 Puskas, J.E.; Kantor, J.; Shrikhande, G. Reaction Engineering with Enzymes: A Relatively Uncharted Territory. *AIChE J.* **2016**, 63 (1), 266–272. DOI: 10.1002/aic.15544.

4.2. Publicații prezentate la conferențe:

- 1 Puskas, J.E.; Kantor, J.; Shrikhande, G. Reaction Engineering in Enzyme-catalyzed Reactions, International Symposia on Chemical Reaction Engineering (ISCRE 24), June 12–15, Minneapolis, MN (**2016**).

4.2. Conferențe:

- 1 Kantor, J.; Collister, E. A.; Puskas, J. E., Mallamaci, M. P., Comes, V. C. Synthesis of Hydrolysis Resistant Polyisobutylene-based Polyurethanes, 255th ACS National Meeting, March 18-22, New Orleans, LA (**2018**). **Excellence in Graduate Polymer Research Award.**
- 2 Kantor, J.; Collister, E.A., Puskas, J.E., Mallamaci, M. P., Comes, V. C. Synthesis of Hydrolysis Resistant Polyisobutylene-based Polyurethanes, ACS Rubber Division, 188th Technical Meeting, October 12 – 15, Cleveland, OH (**2015**).
- 3 Kantor, J.; Puskas, J. E. Predicting the Size of Electrospun Elastomer Fibers from Multi-component Solutions, ACS Rubber Division, 186th Technical Meeting, October 14-16, Nashville, TN (**2014**).

4.3. Alte activități

2015- Golden Key International Honour Society

2014-2018
2013-2019

American Chemical Society
Rubber Division of the American Chemical Society

5. ALTE ACTIVITĂȚI

2017-2018
2015-2017

Președinte - Rubber Division ACS Student Chapter
Ofițer - Rubber Division ACS Student Chapter

