Conducător de doctorat
Prof. Emerit Dr. Ing. Gheorghe HUBCĂ

Comisia de Indrumare
1. Prof. Dr. Ing. Cătălin ZAHARIA
2. Conf. Dr. Ing. Paul STĂNESCU
3. Ş. L. Dr. Ing. Celina DAMIAN

Comisia de Doctorat
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2. CS I Dr. Ing. Andrei SÂRBU – ICECHIM Bucureşti
3. Prof. Dr. Ing. Traian ROTARIU – Academia Tehnică Militară

LISTĂ DE LUCRĂRI

1. A. E. Coman, A. R. Gabor, V. Raditoiu, C. A. Nicolae, G. Hubca, M. Mihailescu, S. Stoian, T. V. Iordache, A study for a class of flame retardant systems based on thermal, optical and mechanical analysis, U.P.B. Scientific Bulletin, Seria A, Vol. 81, Nr. 4, 2019, pp. 271-286, (FI=0,619)

2. A. E. Coman, A. R. Gabor, S. Stoian, C. A. Nicolae, V. Raditoiu, I.C. Gifu, T. V. Iordache, G. Hubca, New Formulations Of Flame-Retardant Flexible Polyvinylchloride Composites, Materiale Plastice, Vol. 56, Nr. 3, 2019, pp. 568-577, (FI = 1,517)

3. A. E. Coman, A. R. Gabor, C. A. Nicolae, V. R., Gh. H., T.V. Iordache, The influence of plasticizer nature and of processing mode upon the characteristics of flexible poly(vinyl chloride) composites, Materiale Plastice, Vol. 56, Nr. 4, 2019, pp. 845-851, (FI = 1,517)

4. A. E. Coman, J. Peyrton, Gh. Hubca, A. Sarbu, A. R. Gabor, C. A. Nicolae, T. V. Iordache, L. Averous, Synthesis and characterization of renewable polyurethane foams using different biobased polyols from olive oil, European Polymer Journal, 149, 15 aprilie 2021, (FI = 3,862)

PARTICIPĂRI MANIFESTĂRI ŞTIINTIFICE

1. Participare la '*4rd European Chemistry Conference*', ECC-2021 Virtual, Martie 2021, „**Synthesis of different polyols from polyester polyols obtained from renewable resources and recycled materials**, used for PU production", prezentare orală

2. Participare la '*3rd European Chemistry Conference'*, ECC-2020 Virtual, Octombrie 2020, ,,**Synthesis of "green" polyurethanes starting from polyester polyols obtained from bio sourced polyols**'', prezentare orală

3. Participare la '*International Colloquium "Physics of Materials" (PM-6)'*, Noiembrie 2018, Bucureşti, România, cu lucrarea ,,**Structural, optical and thermal properties of flexible Polyvinylchloride compounds**'', poster

4. Premiul 1 '*Priorities of Chemistry for a Sustainable Development PRIOCHEM - 14th Edition'*, Octombrie 2018, Bucureşti, România, cu lucrarea ,,**The influence of fillers and flame-retardant agents upon low-smoke and flame-retardant properties of PVC-based composites**'', prezentare orală

5. Participare la '*12th European Symposium on Thermal Analysis and Calorimetry, ESTAC12'*, August 2018, Braşov, România, cu lucrarea ,,**The analytical investigations of the properties of flame-retardant flexible Polyvinylchloride**'', poster

6. Participare la '*20th Romanian International Conference on Chemistry and Chemical Engineering- RICCCE 20*,' Septembrie 2017, Braşov, România, cu lucrarea ,,**The influence of filler nature on mechanical and electrical properties of PVC composites**'', poster

7. Asistare la conferinţa ,*PVC formulation 2017'*, Februarie 2017, Dusseldorf, Germania