



Scrisoare de motivare a candidaturii la ocuparea unei poziții de Membru în Consiliul Departamentului Chimie din CBG

Subsemnatul, **VLASE Titus-Vasile**, Prof. dr. ing., dr. habil. de la Departamentul Chimie, membru a Școlii doctorale Chimie a UVT, candidat pentru **Consiliul Departamentului CHIMIE**, prin prezenta motivez intenția de a candida prin experiența și competențele acumulate astfel:

- membru al acestei facultati din 1991 și am participat activ la reconstrucția Departamentului de Chimie, fiind implicat în amenajarea și dotarea majorității laboratoarelor de chimie, în implementarea unor grupuri de discipline (chimie fizică, tehnologie, cataliză, chimia materialelor, tehnici de analiză termică, integrarea ecologică a materialelor, chimie generală, chimia stării solide, aplicații ale chimiei și analizei materialelor în criminalistică)

- în perioada **1996-2008** am fost **Secretar Științific**, respectiv **Director adj.** la Departamentul de Chimie cu atribuții în realizarea de state e funcțiuni, planuri de învățământ, orare, acoperiri, acreditări

- din 1996 până în 2023 autorizări, acreditări și reacreditări de specializări (**Chimie, Chimie-Biologie, Fizică-Chimie respectiv Chimia Mediului, Științe aplicate în Criminalistică, Masterele Chimie Criminalistică respectiv Chimie Clinică și de Laborator Sanitar**)

- 2013-2023 Responsabil domeniu master Chimie

- Din 2023 Responsabil licență Științe aplicate în Criminalistică,

- Din 2013 responsabil Master **Chimie Criminalistică**

- elaborarea documentației pentru aparatura de chimie la proiectul ICAM

- în perioada **2004-2008, respectiv 2012-2015** am fost **membru în Consiliul Facultății Chimie, Biologie, Geografie, respectiv în Senatul UVT 2012-2015**

- **Responsabil financiar CBG, Președintele Comisiei de Control Managerial Intern CBG**

- **Prodecan CBG feb. 2016 – sept. 2018**

- din anul **2005-2011 Director Științific** din 2011 **Director al Centrului de cercetare: Analize Termice în Probleme de Mediu** al Universității de Vest din Timișoara, Centru de cercetare de tip B, acreditat de CNCSIS prin Certificat nr 64/02.06.2005,

- rezultate remarcabile în ceea ce privește câștigarea a numeroase Granturi și Contracte CEEX, atragerea de resurse financiare și creșterea vizibilității internaționale a Universității de Vest din Timișoara (**199 lucrări ISI publicate, peste 2220 citări, h-index = 25, peste 260 lucrări la conferințe internaționale**);

- **2010-2014 membru în Consiliul Național al Societății de Chimie din România**

- **2005 - Premiul „Gheorghe Spacu” al Academiei Române (pentru Chimie)**

- **abilitare din 2014, cu 4 doctoranzi în stagi, respectiv 5 doctori finalizați**

- **membru în peste 25 comisii de acordare a titlului de doctor la UVT, UPT, UAIC**

Iași, UMF Timisoara, Universitatea din Craiova.

- Președinte Consiliul Științific ICAM

-Evaluator Program Nucleu (2019-2022), membru comisie evaluare Instalatii de interes national (INFLPR-2023), membru comisie de concurs Director INOE (2023)

- Membru comisie concurs director pruniversitar Tg. Jiu (2020)

- Membru Comisie Chimie CNATDCU (din 2020), Vicepreședinte Comisie Chimie CNATDCU (din 2024)

- Vicepreședinte Cluster RNMC (Romanian new materials cluster)

- Evaluator ARACIS din 2024

Consider că experiența acumulată și contribuțiile la dezvoltarea și vizibilitatea Universității îndreptătesc prezenta candidatură.

Principalul obiectiv în cadrul Consiliului CBG fi îmbunătățirea continuă a regulamentelor, corelarea acestora cu legislația în permanentă schimbare, crearea condițiilor pentru creșterea permanentă a nivelului științific, creșterea vizibilității internaționale și naționale, atragerea de fonduri, atragerea de tineri în cariera didactică universitară, îmbunătățirea continuă a dotărilor laboratoarelor din CBG în vederea unei cât mai bune clasificări în raport cu competitorii de pe piața învățământului superior și a cercetării atât pe plan național dar și internațional.

Timișoara

02.09.2024

Prof.dr.ing., dr. habil.

VLASE Titus-Vasile

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DECLARAȚIE

Subsemnatul, VLASE Titus-Vasile, Prof. dr. ing. Dr. Habil. la Departamentul Chimie al UVT, candidat pentru Consiliul Departamentului Chimie a Facultății Chimie, Biologie, Geografie, prin prezenta declar pe propria răspundere că nu am fost colaborator sau lucrător al securității.

Timișoara
02.09.2024

Prof.dr.ing., dr. habil.
VLASE Titus-Vasile



Informații personale	
Nume / Prenume	Vlase Titus Vasile
	
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Naționalitate	romana
Data nașterii	
Sex	M
Locul de muncă / Domeniul ocupațional	Universitatea de Vest din Timisoara /educatie
Experiența profesională	
Perioada	Din 2016 pana in prezent
Funcția sau postul ocupat	Profesor univ. dr. Ing. , Dr. Habil.
Activități și responsabilități principale	Didactica si activitate stiințifică
Numele și adresa angajatorului	Universitatea de Vest din Timisoara, Facultatea de Chimie, Biologie, Geografie
Tipul activității sau sectorul de activitate	Educatie, cercetare stiintifica
Perioada	Din 2005
Funcția sau postul ocupat	Director Stiintific, Director Centru de Cercetare
Activități și responsabilități principale	Cercetare stiintifica
Numele și adresa angajatorului	Centru de cercetare „Analize Termice in probleme de mediu” Centru acreditat CNCSIS
Tipul activității sau sectorul de activitate	Cercetare stiintifica
Perioada	1992-2016
Funcția sau postul ocupat	Asistent univ.,Lector , Conferențiar
Activități și responsabilități principale	Didactica si activitate stiințifică
Numele și adresa angajatorului	Universitatea de Vest din Timisoara, Facultatea de Chimie, Biologie, Geografie
Tipul activității sau sectorul de activitate	Educatie, cercetare stiintifica

Educație și formare	
Perioada Calificarea	2014 dr. habil Teza de abilitare în CHIMIE susținută în 15 iulie 2014 la UVT. Ordin Ministrului Educației Naționale 623/6.11.2014, Anexa 20 Conducător doctorat UVT, Școala Doctorală Chimie-5 drd în stagi
Calificarea / diploma obținută	2003 Doctorat in chimie (teza sustinuta public in 30.06.2003)
Disciplinele principale studiate / competențe profesionale dobândite	Cinetica neizoterma, chimia materialelor, analiză termică
Numele și tipul instituției de învățământ / furnizorului de formare	Universitatea de Vest din Timisoara, Facultatea de Chimie, Biologie, Geografie, Scoala doctorala CHIMIE, sub indrumarea d-lui Prof. Dr. Ing. Chiriac Adrian
Nivelul în clasificarea națională sau internațională	Doctor in chimie, ISCED 6
Perioada Calificarea / diploma obținută	1985-1990 inginer
Disciplinele principale studiate / competențe profesionale dobândite	Specializarea „Ingineria Silicatilor si a compusilor oxidici”
Numele și tipul instituției de învățământ / furnizorului de formare	Inst. Politehnic “Traian Vuia” Timișoara Fac. “Tehnologie Chimică”
Nivelul în clasificarea națională sau internațională	Inginer chimist, ISCED 5
Aptitudini și competențe personale	
Limba maternă	Limba Romana
Limbi străine cunoscute	Engleza, germana
Autoevaluare	Înțelegere

Competențe și aptitudini de utilizare a calculatorului	Utilizez cu ușurință calculatorul și alte aparate coordonate de acesta. Utilizator a : Windows (98, 2000, XP, 2010), Office, Origin, Adobe Photoshop, MathCad, Internet: (Internet Explorer, Mozilla,...), E-mail, și alte programe actuale inclusiv cele tehnice ale unor aparate performante.
Activitate didactică	Chimie Tehnologică, Chimie-Fizică, Chimia stării solide, Chimia Materialelor Integrarea ecologică a materialelor rezultate din activitatea umană, Analiză termică și tehnici hibridate, Nano-și biomateriale
Permis(e) de conducere	Permis de conducere categoria B
Expertiza	Tehnologie generală și Tehnologii ecologice, Știința Materialelor, Analiză termică (TG/DTG/DTA/EGA, DSC, TMA), Predicția timpului de viață, Spectroscopie și Microscopie FT-IR, Cinetică neizotermă.
Premii	- Premiul Ghe. Spacu al Academiei Române pentru domeniul chimie acordat în 23.12.2005 pentru : Contribuții la cinetica descompunerii neizoterme a unor aditivi alimentari și compuși farmaceutici – serie de lucrări apărute în anul 2003
Alte mențiuni	- Din 2023 Co-Chairperson of Life&Environmental Committee at ICTAC (International Confederation of Thermal Analysis and Calorimetry) - Din 2020 Membru Comisia de Chimie CNATDCU - Din 2020 Vicepreședinte RNMC – Romanian New Materials Clusters - Director al Centrului de Cercetare “Analize termice în probleme de mediu” Universitatea de Vest din Timișoara - Activitatea în domeniul analizei termice a determinat includerea biografiei în Who’s Who in Thermal Analysis and Calorimetry, Akademia Kyado – Budapesta, 2004, respectiv: Who’s Who in Thermal Analysis and Calorimetry” Springer, 2014 - Membru al corpului de experți înregistrați în Registrul Național al Experților (MEdC) pentru Învățământ Superior și Cercetare – Domeniul Chimie - Conducător de doctorat cu 3 doctori finalizați și 3 doctoranzi în stagiul aprilie 2013 cursul: Implementarea sistemului de control managerial intern. - martie 2007 Curs: Analiză Termică Perkin Elmer (Monza, Italia)
Membru in:	1. Societatea de Chimie din România (membru în consiliul național de conducere 2012-2016) 2. Societatea de Cataliză din România 3. Comitetul Român de Analiză Termică și Calorimetrie 4. ICTAC (International Confederation of Thermal Analysis and Calorimetry) 5. Membru al corpului de experți înregistrați în Registrul Național al Experților (MEdC) pentru Învățământ Superior și Cercetare – Domeniul Chimie 6. Referent J.T.A.C. din 2005 și Thermochimica Acta din 2006, J. of Chemical & Engineering Data resp. Ind. & Eng. Chemistry Research din 2008, Pharmaceuticals, Pharmaceutical, Polymers, Antioxidants... 7. Expert evaluator programe CNCSIS, CEX domeniul Chimie, Program Nucleu 8. Expert ARACIS domeniul Chimie 9. Reprezentant UVT în Romanian New Materials Clusters, din 6 decembrie 2018 10. Membru Comisie Chimie CNATDCU din 2020 11. Vicepreședinte CA Romanian New Materials Clusters din 2019 12. Președinte Consiliul Științific ICAM (UVT) din 2021 13. Membru editorial Board: PHARMACEUTICS 14. Expert ARACIS
Publicații științifice	ISI: 199 Books/Chapters: 11 GRANTS-uri: 14 Member, 7 Director Citations: WOS: 2221 Scopus: 2184 H-index: WOS 25; Scopus 26 International Conferences: 28 National Conferences: 76

Timișoara
02.09.2024

Prof. dr. ing. Dr. Habil.
Titus VLASE



Lista lucrări

Prof.dr.ing. Titus Vlase, Dr. Habil.

i)

1. Teză de Doctorat cu titlu: „Studiul fizico-chimic al formării și descompunerii termice a unor precursori”, Universitatea de Vest din Timisoara, Facultatea de Chimie, Biologie, Geografie, Școala doctorală CHIMIE, Coordonator: Prof. Dr. Ing. Chiriac Adrian - **Doctor in Chimie** (teza susținută public în 30.06.2003, Diploma Seria C, Nr. 0005764 din 2003)

2. Teza de abilitare în CHIMIE susținută în **15 iulie 2014** la UVT cu titlul: ”Contribuții la studiul comportării termice a sistemelor eterogene în condiții izoterme și neizoterme”, Titlul de Dr. Habil prin: Ordin Ministrului Educației Naționale 623/6.11.2014

ii) Articole

A. Articole ISI

- 1) Vlase, T., Jurca, G., Doca, N. Support effect in the thermal decomposition of some catalyst precursors (1999) Journal of Thermal Analysis and Calorimetry, 56 (1), pp. 331-336.
- 2) Vlase, T., Jurca, G., Doca, N. The effect of the support by the thermal decomposition of some catalyst precursors (2001) Thermochimica Acta, 379 (1-2), pp. 59-63. DOI: 10.1016/S0040-6031(01)00602-5
- 3) Vlase, T., Jurca, G., Doca, N. Non-isothermal kinetics by decomposition of some catalyst precursors (2001) Thermochimica Acta, 379 (1-2), pp. 65-69. DOI: 10.1016/S0040-6031(01)00603-7
- 4) Vlase, T., Jurca, G., Doca, N. Some criteria for deciding upon the support effect (2002) Journal of Thermal Analysis and Calorimetry, 67 (3), pp. 597-603. DOI: 10.1023/A
- 5) Vlase, T., Vlase, G., Doca, M., Doca, N. Specificity of decomposition of solids in non-isothermal conditions (2003) Journal of Thermal Analysis and Calorimetry, 72 (2), pp. 597-604. DOI: 10.1023/A
- 6) Vlase, T., Vlase, G., Chiriac, A., Doca, N. Decomposition of organic salts of some d and f metals: Non- isothermal kinetics and FT-IR studies (2003) Journal of Thermal Analysis and Calorimetry, 72 (3), pp. 839-845. DOI: 10.1023/A
- 7) Vlase, T., Vlase, G., Chiriac, A., Doca, N. The influence of concentration and anion nature on the support effect (2003) Journal of Thermal Analysis and Calorimetry, 72 (3), pp. 847-853. DOI: 10.1023/A
- 8) Doca, N., Vlase, T., Vlase, G. Compensation effect in solid state reactions, a consequence of selective activation at the vibrational level (2003) Revue Roumaine de Chimie, 48 (12), pp. 955-959.
- 9) Vlase, T., Vlase, G., Chiriac, A., Doca, N. About compensation effect by thermal decomposition of some catalyst precursors (2005) Journal of Thermal Analysis and Calorimetry, 80 (1), pp. 87-90. DOI: 10.1007/s10973-005-0618-5
- 10) Vlase, T., Vlase, G., Doca, N. Kinetics of thermal decomposition of alkaline phosphates (2005) Journal of Thermal Analysis and Calorimetry, 80 (1), pp. 207-210. DOI: 10.1007/s10973-005-0637-2
- 11) Vlase, T., Vlase, G., Doca, N., Bolcu, C. Processing of non-isothermal TG data: Comparative kinetic analysis with NPK method (2005) Journal of Thermal Analysis and Calorimetry, 80 (1), pp. 59-64. DOI: 10.1007/s10973-005-0613-x
- 12) Vlase, T., Vlase, G., Doca, N. Thermal stability of food additives of glutamate and benzoate type (2005) Journal of Thermal Analysis and Calorimetry, 80 (2), pp. 425-428. DOI: 10.1007/s10973-005-0671-0
- 13) Ioițescu, A., Vlase, G., Vlase, T., Doca, N. Kinetics of decomposition of different acid calcium phosphates (2007) Journal of Thermal Analysis and Calorimetry, 88 (1), pp. 121-125. DOI: 10.1007/s10973-006-8022-3
- 14) Vlase, T., Vlase, G., Modra, D., Doca, N. Thermal behaviour of some industrial and food dyes (2007) Journal of Thermal Analysis and Calorimetry, 88 (2), pp. 389-393. DOI: 10.1007/s10973-006-8013-4
- 15) Jurconi, B., Feher, L., Doca, N., Vlase, T., Lazăr, C., Țibru, I., Ștefănescu, M. Evaluation of oily soil biodegradability by means of thermoanalytical methods (2007) Journal of Thermal Analysis and Calorimetry, 88 (2), pp. 373-375. DOI: 10.1007/s10973-006-8014-3
- 16) Vlase, T., Vlase, G., Birta, N., Doca, N. Comparative results of kinetic data obtained with different methods for complex decomposition steps (2007) Journal of Thermal Analysis and Calorimetry, 88 (3), pp. 631-635. DOI: 10.1007/s10973-006-8019-y
- 17) Vlase, T., Păcurariu, C., Lazău, R.I., Lazăr, I. Kinetic studies of the crystallization process of glass- ceramics based on basalt (2007) Journal of Thermal Analysis and Calorimetry, 88 (3), pp. 625-629. DOI: 10.1007/s10973-006-8016-1
- 18) Vlase, G., Vlase, T., Tudose, R., Costișor, O., Doca, N. Kinetic of decomposition of some complexes under non-isothermal conditions (2007) Journal of Thermal Analysis and Calorimetry, 88 (3), pp. 637-640. DOI: 10.1007/s10973-006-8020-5
- 19) Feher, L., Jurconi, B., Vlase, G., Vlase, T., Doca, N. Decomposition kinetic of a synthetic oil adsorbed on different silico-alumina (2007) Journal of Thermal Analysis and Calorimetry, 88 (3), pp. 621-624. DOI: 10.1007/s10973-006-8015-2
- 20) Vlase, G., Vlase, T., Doca, N. Thermal behavior of some phenitine pharmaceuticals. (2008) Journal of Thermal Analysis and Calorimetry, 92 (1), pp. 259-262. DOI: 10.1007/s10973-007-8727-y
- 21) Vlase, T., Doca, N., Vlase, G., Bolcu, C., Borcan, F. Kinetics of non-isothermal decomposition of three IRGANOX-type antioxidants (2008) Journal of Thermal Analysis and Calorimetry, 92 (1), pp. 15-18. DOI: 10.1007/s10973-007-8726-z
- 22) Pop, N., Vlase, G., Vlase, T., Doca, N., Mogoș, A., Ioițescu, A. Compensation effect as a consequence of vibrational energy transfer in homogeneous and isotropic heat field. (2008) Journal of Thermal Analysis and Calorimetry, 92 (1), pp. 313-317. DOI: 10.1007/s10973-007-8723-2

- 23) Vlase, T., Muntean, C. Kinetics of thermal decomposition of some nitrophosphate fertilizers with micronutrients in isothermal conditions. (2008) *Journal of Thermal Analysis and Calorimetry*, 92 (2), pp. 559-562. DOI: 10.1007/s10973-007-7936-8
- 24) Birta, N., Doca, N., Vlase, G., Vlase, T. Kinetic of sorbitol decomposition under non-isothermal conditions (2008) *Journal of Thermal Analysis and Calorimetry*, 92 (2), pp. 635-638. DOI: 10.1007/s10973-007-7938-6
- 25) Doca, N., Vlase, G., Vlase, T., Ilia, G. Thermal behavior of Cd²⁺ and Co²⁺ phenyl-vinyl-phosphonates under non-isothermal condition. (2008) *Journal of Thermal Analysis and Calorimetry*, 94 (2), pp. 441-445. DOI: 10.1007/s10973-008-9347-x
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- 27) Ioițescu, A., Vlase, G., Vlase, T., Ilia, G., Doca, N. Synthesis and characterization of hydroxyapatite obtained from different organic precursors by sol-gel method (2009) *Journal of Thermal Analysis and Calorimetry*, 96 (3), pp. 937-942. DOI: 10.1007/s10973-009-0044-1
- 28) Ștefănescu, O., Stoia, M., Ștefănescu, M., Vlase, T. Study on the influence of teos-diol molar ratio on their chemical interaction during the gelation process. (2009) *Journal of Thermal Analysis and Calorimetry*, 97 (1), pp. 251-256. DOI: 10.1007/s10973-009-0247-5
- 29) Pop, N., Vlase, G., Vlase, T., Doca, N. Study on the mechanism of the selective activation of solids in a homogeneous and isotropic thermal field. (2009) *Journal of Thermal Analysis and Calorimetry*, 97 (2), pp. 667- 671. DOI: 10.1007/s10973-008-9671-1
- 30) Păcurariu, C., Lazău, R.I., Lazău, I., Ianoș, R., Vlase, T.. Influence of the specific surface area on crystallization process kinetics of some silica gels. (2009) *Journal of Thermal Analysis and Calorimetry*, 97 (2), pp. 409-414. DOI: 10.1007/s10973-008-9680-0
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- 32) Vlase, G., Vlase, T., Doca, N., Perța, M., Ilia, G., Plesu, N. Thermal behavior of a sol-gel system containing aniline and organic phosphonates. (2009) *Journal of Thermal Analysis and Calorimetry*, 97 (2), pp. 473-478. DOI: 10.1007/s10973-009-0216-z
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- 36) Vlase, T., Bolcu, C., Vlase, G., Mogoș, A., Doca, N. Thermooxidative stabilization of a MDI: Polyol polyisocyanate, (2010) *Journal of Thermal Analysis and Calorimetry*, 99 (3), pp. 973-979. DOI: 10.1007/s10973-009-0536-z
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- 38) Fulias, A., Vlase, G., Vlase, T., Tița, B., Tița, D., Doca, N. Thermal study of cefoperazone monohydrate (2010) *Revue Roumaine de Chimie*, 55 (8), pp. 481-486
- 39) Vlase, T., Vlase, G., Doca, N., Iliescu, S., Ilia, G. Thermo-oxidative degradation of polymers containing phosphorus in the main chain. (2010) *High Performance Polymers*, 22 (7), pp. 863-875. times. DOI: 10.1177/0954008310364423
- 40) Tița, D., Fulias, A., Tița, B., Vlase, G., Vlase, T., Doca, N. Thermal behaviour of active compounds versus pharmaceutical compounds for some benzodiazepines. (2010) *Revue Roumaine de Chimie*, 55 (11-12), pp. 1047-1052.
- 41) Fulias, A., Vlase, T., Vlase, G., Szabadai, Z., Rusu, G., Bandur, G., Tita, D., Doca, N. Thermoanalytical study of cefadroxil and its mixtures with different excipients (2010) *Revista de Chimie*, 61 (12), pp. 1202-1206.
- 42) Ștefănescu, O., Vlase, T., Vlase, G., Doca, N., Ștefănescu, M. Synthesis and characterization of new hydroxycarboxylate compounds obtained in the redox reaction between Fe(NO₃)₃ and diol (2011) *Thermochimica Acta*, 519 (1-2), pp. 22-27. DOI: 10.1016/j.tca.2011.02.024
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- 45) Duda-Seiman, C., Vlase, T., Vlase, G., Cinca, R., Anghel, M., Doca, N. Thermal behavior of verapamil in pure and in solid dosage forms (2011) *Journal of Thermal Analysis and Calorimetry*, 105 (3), pp. 851-858. DOI: 10.1007/s10973-011-1460-6
- 46) Doca, N., Pop, N., Mogos, A., Albu, P., Vlase, T. Selective activation of heterogeneous systems: A consequence of the jahn-teller effect (2011) *Revue Roumaine de Chimie*, 56 (10-11), pp. 953-957.
- 47) Fulias, A., Bobric, A., Vlase, G., Vlase, T., Doca, N. Thermal stability and biological interactions of some cephalosporins (2011) *Revue Roumaine de Chimie*, 56 (10-11), pp. 959-966.
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B. Articole BDI

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