


PERSONAL INFORMATION




MICLAUS (GHIRISAN) ADINA LUCRETIA

 Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania, Faculty of Chemistry and Chemical Engineering

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 almiclaus@gmail.com

Sex F | Date of birth 29/03/1961 | Nationality Romanian

WORK EXPERIENCE

2007- up now

Assoc. Professor at the Department of Chemical Engineering

Didactic and research activities in the field of Transport and Transfer Phenomena, Physico-Mechanical Separation Processes for Heterogeneous Systems and Specific Equipments, Rheology of Disperse Systems

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania, Faculty of Chemistry and Chemical Engineering

1995 –2007

Lecturer at the Department of Chemical Engineering

Didactic and research activities in the field of Transport and Transfer Phenomena, Physico-Mechanical Separation Processes for Heterogeneous Systems and Specific Equipment, Rheology of Disperse Systems, Synthesis and Analysis of Some Azo Dyes

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania, Faculty of Chemistry and Chemical Engineering

1989-1995

Teaching assistant at the Department of Organic, Physical Chemistry and Technology

Didactic and research activities in the field of Transport Phenomena (Momentum, Heat and Mass Transfer) and Synthesis and Analysis of Azo Dyes

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania, Faculty of Chemistry and Chemical Engineering

1985-1989

Chemical Engineer

Work in the field of synthetic cellulose at the "SOMEŞUL", Paper and Cellulose Plant Dej

EDUCATION AND TRAINING

1992-1998

PhD Thesis: Transmission of the Substituent Effects in Organic Compounds.

Synthesis, analysis and characterises of some organic compounds (azo-dyes)

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania,
Faculty of Chemistry and Chemical Engineering

1980-1985

Chemical Engineer

Organic Chemical Technology

Basic skills to design and operate chemical engineering processes

Babeş-Bolyai University, Cluj-Napoca, Mihail Kogalniceanu Nr.1, RO-400084, Cluj-Napoca, Romania,
Faculty of Chemistry and Chemical Engineering

1980-1985

Graduate from high school

Chemistry at the "TERAPIA" High School, Cluj-Napoca

22.10 – 23.10.2014 – Organizer of Workshop in Rheology/Rheometry at the Faculty of Chemistry and
Chemical Engineering, UBB Cluj-Napoca, Romania23.04-24.04.2012 – Invited lecturer at the MINILUBES Scientific Workshop.Training Network. Marie
Curie Action, Iași, Romania26.08-29.08.2010 - Organizer of the 1st SRR –Summer School of Rheology at the Babes-Bolyai
University Cluj-Napoca, Romania22 septembrie 2009 – Workshop in Rheology with the topic „Interaction between particle size, Zeta
potential and rheological properties. Malvern equipments: Kinexus Concept”, Iași, Romania5.06- 21.06.2009 - UEFISCSU Exploratory Workshop “New Trends in Complex Fluids Modelling” –
CFM 2009, Bran, Romania23.02-26.02.2005 - Training course in the field of Computer Aided Process Engineering CAPE Forum
2005- Cluj-Napoca, Romania03.05-31.08.2004 - Scientific research work in the field of Press- and Press-electrofiltration of the
yeast suspensions, at MVM Institute, University of Karlsruhe, Germany, in co-operation with Prof. Dr.-
Eng. Clemens Posten, DAAD grant.01.05.1999-01.08.2000 - participant at the 35th International Seminar for Research and Teaching in
Chemical Engineering and Physical Chemistry with a DAAD grant at University of Karlsruhe,
Germany: performance of scientific research work in the field of Solid-Liquid Separation, at the
Institute of Mechanical Process Engineering and Mechanics (MVM), in co-operation with Prof. Dr.-
Eng. W. Stahl20.03-22.03.2000 - Seminars and laboratory courses with the title “Rheological Characterisation of
the Disperse Systems” (Rheologische Charakterisierung disperser Systeme) at the MVM Institute
(TH), Germany01.10-12.12.1998 – Three months with TEMPUS grant at the Institute of Mechanical Processes and
Mechanics, University of Karlsruhe, Germany, Department of Prof. Dr.-Eng. Buggisch23-31.03.1995 – Participation at the course “Selected Topics of Chemical and Biochemical
Engineering”, Technical University, Bratislava, Slovakia

Mother language(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
ENGLISH	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user	C2 Proficient user
	Replace with name of language certificate. Enter level if known.				
GERMAN	B2 INDEPENDENT USER	B2 INDEPENDENT USER	B2 INDEPENDENT USER	B2 INDEPENDENT USER	B2 INDEPENDENT USER
	Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Good communication skills gained through my experience as teacher and researcher at the university and during the visits I have made abroad, working with students, trainers and researches.

Job-related skills Technical skills in the field of Transfer Phenomena and Unit Operation for Chemical Industry, in the field of Environmental Protection especially in the field of solid-liquid separation (Sedimentation, Vacuum and Press-filtration and Electro-filtration), Operations and Equipments in Silicate Industry and Food Industry, Rheological characterization of disperse systems.

Computer skills Microsoft Office, Windows, Excel, Power-Point, MatLab.

Driving licence Category B.

Member of different professional organizations - Romanian Society of Chemical Engineering
- Romanian Society of Rheology

ADDITIONAL INFORMATION

Publications

1. *Power consumption for mixing of shear-thinning fluids*, Adina Ghirisan (Miclăuș), V. Miclăuș, *Studia UBB Chemia*, 2021, LXVI (2), pp. 247-254
2. *Modelling of the Sugar Beet Pulp Drying Process*, Adina Ghirisan (Miclăuș), S. Drăgan, C. Coța, E. M. Nagy, Z. Gyorgy, V. Miclăuș, *Studia UBB Chemia*, 2020, LXV (2), pp. 21-28
3. *Kinetic Study of Sulfur Dioxide Absorption Into Dolomite-Brucite Suspensions*, S. Drăgan, Adina Ghirisan (Miclăuș), *Studia UBB Chemia*, 2019, LXIV (2), pp. 345-355
4. *Researches Regarding a Protein Hydrolysate Used as Adjuvant in Fertilization Process*, E. M. Nagy, C. Coța, N. Cioica, Z. Gyorgy, L. Fechete-Tutunaru, Adina Ghirisan (Miclăuș), V. Miclăuș, *Bulletin UASVM series Agriculture*, 2019, 76(2), pp. 78-83
5. *The Influence of Temperature and Dolomite Addition on the Drying Kinetics of Sugar Beet Pulp (Beta Vulgaris L.)*, Adina Ghirisan (Miclăuș), S. Drăgan, C. Cota, E. M. Nagy, Z. Gyorgy, V. Miclăuș, *Studia UBB Chemia*, 2018, LXIII (2), pp. 53-62
6. *Comparative Study of Spray-Drying and Freeze-Drying on the Soluble Coffee*, Adina Ghirisan (Miclăuș), V. Miclăuș, *Studia UBB Chemia*, 2017, LXII, 4 (II), pp. 309-317
7. *Freeze-drying Kinetics Approach of Soluble Coffee. Mass Transfer Parameters Estimation*, Adina Ghirisan (Miclăuș), S. Drăgan, V. Miclăuș, *Studia UBB Chemia*, 2017, LXII (1), pp. 7-16
8. *Hydrodynamic Parameters of Gas-Solid-Liquid Three Phase Fluidized Bed with Low Density Solids*, S. Drăgan, Adina Ghirisan (Miclăuș), *Rev. Chim. (Bucharest)*, 2016, 67(5), pp. 887-891

9. *Removal of Lead from Industrial Wastewater by Electrocoagulation Using Sacrificial Aluminium Electrodes*, S. Fogarasi, Florica Imre-Lucaci, **Adina Ghirisan (Miclăuș)**, Radu B. H., Mișca, Arpad Imre-Lucaci, *Studia UBB Chemia*, 2016, LXI (3), pp. 145-154
10. *Kinetic Modeling and Error Analysis for Zinc Removal on a Weak Base Anion Exchange Resin*, E. Gâlcă, A. Măicăneanu, **Adina Ghirisan (Miclăuș)**, P. Ilea, *Desalination and Water Treatment*, 2015, pp. 1-9, DOI:10.1080/19443994.2015.1101018
11. *Freeze-drying Kinetics for Different Types of Food Products*, **Adina Ghirisan (Miclăuș)**, *Studia UBB Chemia*, 2015, LX(1), pp. 147-156
12. *Settling of Coagulated Diluted Yeast Suspensions*, **Adina Ghirisan** *Studia UBB Chemia*, 2013, vol. LVIII(4), pp. 63-70
13. *Kinetic Study of Carrots Drying*, **Adina Ghirisan**, S. Drăgan, *Studia UBB Chemia*, 2013, vol. LVIII(2), pp. 35-42
14. *Characterization of Hindered Settling in Concentrated Solid-Liquid Suspensions*, **Adina Ghirisan**, S. Drăgan, *Studia UBB Chemia*, 2012, LVII(3), pp. 241-248
15. *Sedimentation of Concentrated Suspensions in Non-Newtonian Fluids*, **Adina Ghirisan**, S. Drăgan, *Studia UBB Chemia*, 2011, LVI(2), pp. 115-124
16. *Experimental Study of Sulfur Dioxide Absorption into Calcium Carbonate Suspensions*, S. Drăgan, **Adina Ghirisan**, *Studia UBB Chemia*, 2011, LVI(4), pp. 143-152
17. *Settling of Coagulated Diluted Yeast Suspensions*, **Adina Ghirisan**, *Studia UBB Chemia*, 2011, LVI(4), pp. 143-152
18. *Micro-filtration of Baker's Yeast Suspension – Kinetic Study*, **Adina Ghirisan**, V. Miclăuș, *Chem. Bull. "POLITEHNICA" Univ. Timișoara, Seria Chimie și Ingineria Mediului*, 2010, 55(69), 1, pp. 68-71
19. *The Influence of Coagulants in Colloidal Particles Removal from Dispersions*, **Adina Ghirisan**, S. Drăgan, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2010, LV(2/1), pp. 145-154
20. *Kinetic Study of Flue Gas Desulphurization with Sodium Carbonate at Low Temperature*, S. Drăgan, **Adina Ghirisan**, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2010, LV(2/2), pp. 283-292
21. *Sedimentation of Coagulated Yeast Suspensions from Wastewater*, V. Goia, **Adina Ghirisan**, V. M. Cristea, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2009, LIV(1), pp. 93-102
22. *Removal of Some Estrogenic Pollutants from Water by Adsorption*, **Adina Ghirisan**, S. Drăgan, C. Cimpoi, C. Roman, V. Miclăuș, *Chem. Bull. "POLITEHNICA" Univ. Timișoara*, 2008, 53(67), 1-2, pp. 61-64
23. *Copper Biosorption on a Strain of Saccharomyces Cerevisiae – Isotherm Equilibrium and Kinetic Study*, **Adina Ghirisan**, S. Drăgan, Miclăuș, *BIOREMED 2007, Cluj-Napoca, STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2008, LIII(3), pp. 37-45
24. *Heavy Metal Removal and Neutralization of Acid Mine Wastewater - Kinetic Study*, **Adina Ghirisan**, S. Drăgan, A. Pop, M. Simihaian, V. Miclăuș, *Can. J. Ch. Eng.*, 2007, 85, pp. 900-905
25. *Kinetic Study of Calcination for Precipitate calcium Carbonate*, S. Drăgan and **Adina Ghirisan**, 2007, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2007, LII(4), pp. 169-177
26. *Rheological Behaviour of Titania Systems During the Sol-Gel Transition*, **Adina Ghirisan**, V. Danciu, V. Cosoveanu, M. Popa, *STUDIA Universitatis "Babeș-Bolyai", Chemia*, 2007, LII(2), pp. 13-21
27. *Sedimentation und Flockung der Hefesuspension*, **Adina Ghirisan**, Mehri Azad, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2005, 50(1), pp. 113-120
28. *Beschreibung des hydrodynamischen Modells des Druckverlustes durch eine Katalysatorschicht*, Al. Pop, **Adina Ghirisan**, S. Drăgan, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2005, L(1), pp. 105-112
29. *Sedimentation. Koagulation. Flocculation. II. Anwendung Polymerer Flockungsmittel*, **Adina Ghirisan**, Al. Pop, M. Moceanu, V. Miclăuș, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2005, L(1), pp. 97-104
30. *Druckfiltration und Presselektrofiltration einer Hefesuspension*, **Adina Ghirisan**, R. Hofmann, C. Posten, *Filtrieren und Separieren, VDL-Verlag GmbH*, 2005, 3, pp. 118-122
31. *Studies on the Natrium Sulphate Salting-out Crystallization I. Equilibrium of the Crystallization*, Al. Pop, **Adina Ghirisan**, S. Drăgan, V. Miclăuș, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2004, XLIX(2), pp. 195-201
32. *Sedimentation. Koagulation. Flocculation I. Sedimentationsanalyse einer geflockten Kaolin-Suspension*, **Adina Ghirisan**, Al. Pop, V. Miclăuș, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2003, XLVI(1), pp. 183-190
33. *Electrofiltration. The Influence of an Electrical Field on Filtration*, **Adina Ghirisan**, K. Weber, W. Stahl, *STUDIA Universitatis "Babeș-Bolyai" Chemia*, 2001, XLVI, 1-2, pp. 257-264
34. *Rheological Evolution of a Particular Sol-Gel System*, M. Fernandez-Torres, **Adina Ghirisan**, J.M. Tipan-Lepetich, *Can. J. Ch. Eng.*, 2001, 79, pp. 354-457
35. *The Influence of an Electrical Field on Filtration and Washing*, **Adina Ghirisan**, K. Weber, W. Stahl, *The Journal of the Filtration Society*, 2002, 2(3), pp. 54-60
36. *Azocoupling Products. Part II., Synthesis and Structural Study of Azocoupling Products of 1-(5,6-Dimethyl-4-X-Pyrimidin-2-yl)-3-Methyl-pyrazolin-5-ones with Aromatic Diazonium Salts*, I. Panea, **Adina Ghirisan**, I. Cristea, Radu Gropeanu, I. Al. Silberg, *Heterocyclic, Communication*, 2001, 7(6), pp. 563-570
37. *The Transmission of Substituent Effects in Organic Compounds I. The Inductive Effect*, I. Al. Silberg, **Adina Ghirisan**, *Roum. Chem. Quart. Rev.*, Ed. Academiei Române, 2000, 8(1), pp. 45-54
38. *The Transmission of Substituent Effects in Organic Compounds II. The Separation of Inductive and Resonance Effects. Analysis of the Substituent Effects*, I. Al. Silberg, **Adina Ghirisan**, *Roum. Chem. Quart. Rev.*, Ed. Academiei Române, 2000, 8(2), pp. 145-155
39. *Thermorheological Behavior of Silicone Oil (AK 10⁶)*, **Adina Ghirisan**, B. Hochstein, *STUDIA Universitatis „Babeș-Bolyai”, Chemia*, 1998, XLIII(1-2), pp. 249-255, ISSN 1224-7154
40. *Tautomerism, Acid Dissociation Equilibria and Azo Coupling Reaction Rates of 1-(2-Pyrimidinil)-3-Methylpyrazolin-5-ones Derivates*, I. Baldea, **Adina Ghirisan**, I. Al. Silberg, I. Cristea, *Rev. Roum. Chem.*, 1997, 42(9), pp. 767-775
41. *Aromaticity of Thiazole III. The Transmission of Substituent Effects and the Polarizability of the Electronic System of Thiazole*, I. Al. Silberg, S. Silberg, **Adina Ghirisan**, *Heterocycl. Communication*, 1997, 3(1), pp. 35-39
42. *The Kinetic of Solid-Liquid Extraction*, R. Mișca, **Adina Ghirisan**, Al. Ozunu, S. Dragăn, *STUDIA Universitatis „Babeș-Bolyai”, Chemia*, 1996, XLI(1), pp. 55-60

43. *Aromaticity of Thiazole II. The Transmission of Substituents Effects Trough the 2,4-Thiazolynene Bridge*, I. Al. Silberg, S. Silberg, **Adina Ghirişan**, *STUDIA Universitatis „Babeş-Bolyai“, Chemia*, 1996, XLI(1), pp. 27-34
44. *Aromaticity of Thiazole I. The Transmission of Substituents Effects Trough the 2,5-Thiazolynene Bridge*, S. Silberg, I. Al. Silberg, **Adina Ghirişan**, *STUDIA Universitatis „Babeş-Bolyai“, Chemia*, 1996, XLI(1), pp. 19-26
45. *An Experimental Technique for Measuring Diffusion Coefficients in Porous Solid*, R. Mişca, Al. Ozunu, **Adina Ghirişan**, S. Drăgan, *STUDIA Universitatis „Babeş-Bolyai“, Chemia*, 1994, 1-2, pp. 195-200
46. *Mass Transfer Coefficients at Fe⁺² Oxidation to Fe⁺³*, R. Mişca, Al. Ozunu, S. Drăgan, **Adina Ghirişan**, *STUDIA Universitatis „Babeş-Bolyai“, Chemia*, 1994, 1-2, 188-194
47. *Kinetic Studies of Azo Coupling Reaction Between 1-(4-Hydroxi-6-Methylpyrimidin-2-yl)-3-Methylpyrazolin-5-one and Substitute Benzenediazonium Salts*, I. Baldea, **Adina Ghirişan**, I. Panea, *J. Chem. Soc. Perkin Trans.2*, 1992, pp. 1715-1719

Books

1. *Separarea fizico-mecanică a sistemelor eterogene solid-lichid*, **Adina Ghirişan**, Ed. Casa Cărţii de Ştiinţă, Cluj-Napoca, 2005
2. *Fenomene de transfer şi operaţii în industria chimică, Indrumar pentru lucrări practice*. **Adina Ghirişan**, S. Drăgan, Ed. Risoprint, Cluj-Napoca, 2009
3. *Cazuri particulare de curgere a fluidelor ideale si reale. Elemente de reologie*, **Adina Miclăuş (Ghirişan)**, V. Pode, Ed. Casa Cărţii de Ştiinţă, 2018

Conferences

1. *Characterization of Settling in Concentrated Solid-Liquid Separation Based on Artificial Intelligence*, **Adina Ghirişan**, C. I. Anghel, S. Drăgan, Editor: Markoš, J., In *Proceedings of the 41st International Conference of Slovak Society of Chemical Engineering*, Slovakia, 2014, pp. 863–872
2. *Rheology Study of Sol-Gel Transition in Titania Systems*, **Adina Ghirişan**, V. Danciu, V. Cosoveanu, Mihaela Popa, UEFISCSU Exploratory Workshop „New Trends in Complex Fluids Modeling CFM 2009”, CFM 2009 Proceedings, Ed. Politehnica Press, 2009, pp. 75
3. *Removal of Xeno-estrogenic Pollutants by an Yeast *Saccharomyces Cerevisiae* Strain from Water*, **Adina Ghirişan**, S. Drăgan, C. Cimpoiu, C. Roman, V. Miclaus, Proceedings 10th World Filtration Congress, 2008, I, pp. 449-453
4. *Use of Apatite in the Treatment of Acid Mine Wastewater - Kinetic Modelling*, S. Drăgan, **Adina Ghirişan**, Al. Pop, M. Simihaian, V. Miclăuş, Proceedings 33rd International Conference of Slovak Society of Chemical Engineering, Slovakia, 2006, CD-ROM pp. 258(1-8)
5. *Pressure Filtration and Pressure Electrofiltration*, **Adina Ghirişan**, K. Weber, R. Hoffman, Romanian International Conference and Chemical Engineering, 2005, vol. 3, S05-84- S05-91
6. *The Influence of an Electrical Field on Filtration and Washing*, **Adina Ghirişan**, K. Weber, W. Stahl, Proceedings of the International Conference and Exhibition FILTECH EUROPA 2001, II, pp. 491-498

Patents

1. *4-Arylazo-3-Methyl-1-(Pyrimidin-2-yl)-5-Pyrazolonic and synthesis methods*, Panea I., **Adina Ghirişan**, Cristea I., Gropeanu R. A, Nr. Patent: 114797 B1, **1999**, BOPI Nr. 7/1999
2. *Process for Depolluting of Water Containing Hormonal and Xenoestrogenic Organic Substances*, Chintoanu M., Cimpoiu C., Costineanu D., Ferenczi L., **Adina Ghirişan**, Miclăuş V., Miclean M., Ozunu A., Roman, C., RO 125296-B1, Nr.4/ **2010**

National projects

1. Dezvoltarea unor noi implanturi şi compozite inteligente bazate pe nanotehnologie avansată cu multiple aplicaţii medicale, membru în proiectul DONTAS Parteneriate, Contract 171/2012-2016
2. *Terapia genică condiţionată nanotehnologic în hepatocarcinom*, membru în proiectul CNMP Parteneriate, tip PC, nr. 42114 (2008-2011) *Sistem complex de decelare a unor substanţe medicamentoase hormonale şi xenoestrogene, la nanoscală, în sursele de apă – MEDESTRO*, membru în proiectul CEEEX - 115/2006 (2006-2008)
3. *Studiul agregării şi al comportărilor cromotrope ale unor coloranţi cianinici, merocianinici şi analogi cu potenţiale aplicaţii în nanotehnologie*, membru în proiectul CNCSIS 1347(10)/2006
4. *Platformă de simulare, control şi testare cu aplicaţii în mecatronică – CONMEC*, Program INFOSOC, membru în proiectul CEEEX -112/2006 (2006-2008)
5. *Sistem integrat de evaluare a propagării agenţilor poluanţi şi a impactului asupra sănătăţii populaţiei din zonă – SEPOL*, membru în proiectul CEEEX – 612/2005 (2005-2008)
6. *Materiale compozite nanostructurate pe bază de aerogeluri oxidice şi de carbon cu aplicabilitate electrochimică şi de mediu*, membru în proiectul CNCSIS 14(10)/405/2004, CNCSIS 18/405/2005 şi CNCSIS 20/405/2006
7. *Sistem de monitorizare wireless a emisiilor poluante de la agenţi economici- WIPOL*, SC Casirom SA Turda, SC Someş SA Dej, IPA CIFAT Cluj-Napoca, Agenţia de Protecţia Mediului Cluj-Napoca”, Program INFOSOC 3, Sisteme C – C1.3, membru (2003-2005)

8. Coloranți polimetinici cu aplicabilitate industrială, agricolă și medicală. Studii sintetice, spectrale și cinetice, membru în proiectul CNCIS 1258/2002 și 131/2003

INTERNATIONAL PROGRAMS/PROJECTS

1. *Separation of Yeast Suspension (Trennung der Hefesuspension)*, **researcher**, DAAD – **grant A/04/10958** at Karlsruhe University (TH), Institut Mechanische Verfahrenstechnik und Mechanik, Karlsruhe, Germany, may- august **2004**
2. *The influence of electric field on Filtration and Washing (Der Einfluss eines elektrischen Feldes auf Filtration und Waschung)*, **researcher**, **DAAD - grant**, Karlsruhe University (TH), Institutul Mechanische Verfahrenstechnik und Mechanik, Karlsruhe, Germany, **1999-2000**

Awards

1. Premiul UBB anual (2018) de excelență în activitatea educațională pentru cartea *Cazuri particulare de curgere a fluidelor ideale și reale. Elemente de reologie*, Adina Miclăuș (Ghirișan), V. Pode, Ed. Casa Cărții de Știință
2. Diplomă de excelență și medalia de aur cu mențiune specială la Salonul internațional al cercetării științifice, inovării și invenției PROINVENT, ed. XVI, 2018, Cluj-Napoca pentru Biocompozit pe bază de acizi humici, polipeptide și amino-acizi component al îngrășămintelor NPK și procedee de obținere, Autori: C. Coța, E. M. Nagy, N. Cioica, Al. Pop, S. Drăgan, Z. Gyorgy, V. Miclăuș **Adina Ghirișan (Miclăuș)**.

Cluj-Napoca,
25.01. 2022

Assoc. Prof. Eng.,
Adina MICLAUȘ (GHIRIȘAN)