

Lista de lucrări

Numele și prenumele: Kakucs András

A. Teza de doctorat.

Cercetări privind analiza probabilistică a siguranței barajelor din pământ în spațiul parametrilor de proiectare –2000, Universitatea Tehnică „Gh. Asachi” Iași

B. Cărți publicate

B2. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate în țară, la edituri recunoscute CNCSIS.

2004

Kakucs András *Műszaki hőtan* (Termodinamică tehnică, lb. maghiară, curs universitar)
Editura Scientia, Cluj-Napoca, 2004, 248 p.
ISBN 978-973-7953-26-6

2007

Kakucs András *Modelarea circuitelor hidraulice prin analogia cu sistemele electrice și mecanice*
Editura Universității Transilvania Brașov, 2007, 104 pag.
ISBN 978-973-598-166-2

Kakucs András *A végeelem-módszer a szerkezetek számításában* (Metoda elementelor finite în calculul structurilor, lb. maghiară)
Editura Universității Transilvania Brașov, 2007, 263 pag.
ISBN 978-973-598-094-8

Kakucs András *A végeelem-módszer alapjai* (Bazele metodei elementelor finite, lb. maghiară, curs universitar)
Editura Scientia, Cluj-Napoca, 2007, 240 pag.
ISBN 978-973-7953-79-7

Kakucs András *Áramlástan* (Mecanica fluidelor, lb. maghiară, curs universitar)
Editura Scientia, Cluj-Napoca, 2007
ISBN 978-973-7953-83-4, 356 pag.

2021

Harangus Katalin, Kakucs András *Valószínűesszámítás és statisztika a mérnöki gyakorlatban* (Teoria probabilităților și statistica matematică aplicate în inginerie)
Editura Asociației Muzeului Ardelean, Cluj-Napoca, 2021
ISBN: 9786067391817, 185 pag.

B4. Cărți (manuale, monografii, tratate, îndrumare etc.) publicate pe web.

Lucrări de laborator de Metoda elementelor finite

Lucrări de laborator de Mecanica fluidelor

Lucrări de laborator de Mașini hidraulice și pneumatice

Lucrări de laborator de Termotehnică și mașini termice

Curs de Termotehnică pt. studenții de la Univ. Petru Maior

Curs de Rezistența materialelor

C. Lucrări științifice publicate

C2. Lucrări științifice publicate în reviste indexate în baze de date internaționale (indicați și baza de date).

2007

Evaluarea prin metoda elementului finit a comportamentului biomecanic a osteosintezei tibiei cu tije centromedulare

Studii și comunicări, Seria Științe Naturale și Medicale, Muzeul Județean Satu-Mare, Editura Muzeului Sătmărean, 2007

ISSN: 1582-201X

Indexat ISI (<http://thomsonscientific.com/cgi-bin/jrnst/jlresults.cgi?PC=MASTER&ISSN=1582-201X>)

2009

Száva I, **Kakucs A**, Jármai K, Dani P, Varga B, Gálfi B. P.

Numerical approach and preliminary experimental results of intumescent paints' behaviors at medium temperatures

Metalurgia International Vol. XIV (2009), ISI-cited journal, Special issue No. 2. pp. 83-86. ISSN 1582-2214

Indexat ISI

(<http://science.thomsonreuters.com/cgi-bin/jrnst/jlresults.cgi?PC=MASTER&Full=metalurgia%20international>)

Varga B, Dani P, **Kakucs A**, Száva I, Jármai K, Gálfi B. P.

Intumescent paint fire protected steel structures elements' internal stress state experimental approach, using dilatometer

Metalurgia International Vol. XIV (2009), ISI-cited journal, Special issue No. 2. pp. 87-90. ISSN 1582-2214.

Indexat ISI

(<http://science.thomsonreuters.com/cgi-bin/jrnst/jlresults.cgi?PC=MASTER&Full=metalurgia%20international>)

2010

Botond Gálfi, Radu Necula, Iosif Șamotă, Ioan Száva, **András Kakucs**, Holger Hoşa

A Generalized Electric Strain Gage-Based Evaluation Of The Long Human Bones Fixators' Stiffness

Acta Technica Napocensis - Applied Mathematics and Mechanics, Nr. 53/Vol. II, Universitatea Tehnică din Cluj-Napoca, 2010. Lucrare prezentată la ARTENS 2010 (Al 13-lea Simpozion de Analiză Experimentală a Tensiunilor și Încercări de Materiale), Cluj-Napoca, 11-12 iunie 2010

ISSN: 1221-5872

Pe lista CNCSIS B+

Indexat: Copernicus Journal Information, IC-value: 4.18 (2009)

(<http://journals.indexcopernicus.com/karta.php?action=masterlist&id=4755>)

2014

Harangus Katalin, **Kakucs András**

Finite difference solution using displacement potential function for plane stresses and displacements

The 7th International Conference Interdisciplinarity in Engineering (Inter-Eng 2013)

Procedia Technology 12 (2014), 394-400, Elsevier, ScienceDirect (available on-line)

DOI information: 10.1016/j.protcy.2013.12.505

<http://authors.elsevier.com/sd/article/S2212017313006907>

2017

Ferenc Tolvaly-Roşca, **András Kakucs**, Zoltán Forgó, Márton Máté

Comparative FEM Analysis of Gears Modeled With Analytical, Solid Subtracting and Mixed CAD Generating Method
MACRo2017, 27-28 okt. 2017
<https://www.degruyter.com/view/j/macro.2017.2.issue-1/macro-2017-0014/macro-2017-0014.xml>

2021

Katalin Harangus, **András Kakucs**
Mass-Measurement-based Automatization of the Engler-Viscometer
Acta Polytechnica Hungarica, vol. 18 nr , pag. 77-92
http://acta.uni-obuda.hu/Harangus_Kakucs_112.pdf

C3. Lucrări științifice publicate în reviste din străinătate (altele decât cele menționate anterior).

2007

Száva János, Dani Péter, Gálfi Botond, **Kakucs András**, Sárosi Pál, Harangus Katalin
A Moiré-sávok elvének alkalmazása roncsolásmentes vizsgálatokra
(Folosirea franjelor Moiré în experimentări nedistructive)
Anyagvizsgálók lapja (Revista cercetărilor materialelor, Ungaria) nr. 3/2007
ISSN 1787-5072

2008

Kakucs A, Száva J, Varga B, Dani P, Gálfi B. P.
Felhabzó festékek végelelemes modellezése
(Modelarea cu elemente finite a vopselelor intumescențe)
Acélszerkezetek (Structuri din oțel, Ungaria) ISSN: 1785-4822

I. Száva, **A. Kakucs**, R. Tutunea, S. Popa, A. Barna, B. Gálfi, P. Sárosi, K. Harangus, L. Demzse
Research Concerning on Mechanical Properties of Cylinder-Head Gasket Materials
Transaction of the VŠB-Technical University of Ostrava, Metallurgical Series, Vol. 1, 2008,
ISBN: 978-80-248-1664-7; ISSN: 0474-8484, pg. 130-133.

2009

Kakucs András, Dani Péter, Jármay Károly, Száva János, Gálfi Botond-Pál.
Kísérleti berendezés felhabzó tűzvédelmi bevonatok tanulmányozására
(Instalație experimentală pentru studiul protecțiilor ignifuge intumescențe)
GÉP (MAȘINA), Budapest, ISSN: 0016-8572, Vol. LX, No. 10-11. pag. 51-54
Lucrare prezentată la al XXV-lea Seminar al Proiectanților de mașini (Géptervezők és Termékfejlesztők XXV. Szemináriuma), 5-6 Noiembrie, 2009, organizată de Comitetul Academic din Miskolc, Ungaria

2010

Péter Dani, **András Kakucs**, Eva Kormaniková, Kamila Kotrasová, Botond Pál Gálfi, Sebastian Cosmin Dinu, Ioan Száva
Experimental Validation of the Intumescent Paint Effect on Structural Elements Load-Bearing Capacity
Transactions of the Universities of Kosice 4/2010
ISSN 1335-2334

2012

Lajos Borbás, János Száva, Botond-Pál Gálfi, **Kakucs András**
New Approach to Establishing Poisson's Ratio of Soft-Wood Components
Transactions of FAMENA (Faculty of Mechanical Engineering and Naval Architecture,
University of Zagreb, Croatia), Vol. 36, no. 2, 2012
ISSN 1333-1124

C4. Lucrări științifice publicate în reviste din țară, recunoscute CNCSIS (altele decât cele din baze de date internaționale).

2000

Vulpe Adrian, **Kakucs András**
The Fuzzy Stochastic Dynamical Response Of Earth Dams
Buletinul Institutului Politehnic Iași, Construcții, Arhitectură, anul 2000, tom. XLVI. fasc. 3 - 4.
Pe lista CNCSIS B

Kakucs András, Vulpe Adrian
Application Of Markov Process Theory To Nonlinear Random Vibration Of Earth Dams
Buletinul Institutului Politehnic Iași, Construcții, Arhitectură, anul 2000, tom. XLVI. fasc. 1 - 2.
Pe lista CNCSIS B

2002

Kakucs, András
Optimizations Using Artificial Neural Network
Buletinul Institutului Politehnic Iași, Construcții, Arhitectură, anul 2002, Tom XLVIII, fasc. 1.-2. pag. 27 - 36
Pe lista CNCSIS B

Kakucs, András
The Static Equilibrium of Statically not Determined Elastic Systems
Buletinul Institutului Politehnic Iași, Construcții, Arhitectură, anul 2002, Tom XLVIII, fasc. 1.-2. pag. 53 - 60
Pe lista CNCSIS B

2005

Száva, J., Hodur, C., Forgács, E., Enache, V., Forgó, Z., **Kakucs, A.**, Hlipca, P., Tolvaly-Roșca, F., Lőrincz, A.
Elastical Properties of the Cylinder Head Gaskets Materials
Annals of the Faculty of Engineering Hunedoara, 2005, Tome III, Fascicule 2, ISSN 1584-2665, pag. 97-100.
Pe lista CNCSIS C

Gyenge, Cs., Forgó, Z., **Kakucs, A.**, Dani, P., Száva, I.
Rețele neuronale artificiale în căutarea extremelor
Lucrările celei de-a XXIX-a Conferințe Naționale de Mecanica Solidului și Simpozionul Jubiliar "95 de ani de la nașterea prof. Rudolf Voinaroski", Ploiești, 4-5 Noiembrie 2005, Universitatea "Petrol-Gaze" din Ploiești
Buletinul Universității "Petrol-Gaze" din Ploiești, vol. LVII, Seria Tehnică Nr. 4/2005, Cod ISSN: 1221-9371, pag. 127-132.
Pe lista CNCSIS C

2007

Kakucs, András, Dani, Péter, Constantin, Vasile, Száva, Ioan

New method in modeling intumescent coatings

BRAMAT 2007, Braşov, Romania

International Conference on Material Science and Engineering

Transilvania University of Braşov, Romania,

Bulletin of Transilvania University of Brasov, Supliment BRAMAT 2007, pag. 27,

Transilvania University Press, 2007, ISSN-1223-9631

Pe lista CNCSIS B

Dani, Péter, Şamotă, Iosif, Necula, Radu, **Kakucs, András**, Száva, Ioan, Barna, Andrei

Human body temperature measuring system with multiple sensors

BRAMAT 2007, Brasov, Romania

International Conference on Material Science and Engineering

Transilvania University of Braşov, Romania,

Bulletin of Transilvania University of Brasov, Supliment BRAMAT 2007, pag. 59,

Transilvania University Press, 2007, ISSN-1223-9631

Pe lista CNCSIS B

Necula, Radu, Száva, Ioan, **Kakucs, András**, Şamotă, Iosif, Dani, Péter, Barna, Andrei

Mechanical characteristic of the centro-medular elastic locking nails

BRAMAT 2007, Brasov, Romania

International Conference on Material Science and Engineering

Transilvania University of Braşov, Romania,

Bulletin of Transilvania University of Brasov, Supliment BRAMAT 2007, pag. 82,

Transilvania University Press, 2007, ISSN-1223-9631

Pe lista CNCSIS B

Kakucs, András, Harangus, Katalin, Gálfi, Botond

Experiment planning using artificial neural networks

BRAMAT 2007, Brasov, Romania

International Conference on Material Science and Engineering

Transilvania University of Braşov, Romania,

Bulletin of Transilvania University of Brasov, Supliment BRAMAT 2007, pag.27., Transilvania University Press, 2007, ISSN-1223-9631

Pe lista CNCSIS B

2008

Procop, M., Chişu, E., Gálfi, B., **Kakucs, A.**, Száva, I.

Experimental and numerical analysis of a coupling system's elastic components

ARTENS XII, 2008, Galaţi, Romania

Conferinţa Internaţională a Asociaţiei Române de Tensometrie

Universitatea "Dunărea de Jos" Galaţi, Romania, 24-25.10.2008

The Annals of "Dunărea de Jos" University of Galaţi, Fascicle XIV - Mechanical Engineering, 2008, ISSN-1224-5615

Pe lista CNCSIS B+

Gálfi, B., **Kakucs, A.**, Harangus, K., Száva, I.

Testing device for wood-based materials' mechanical behaviours evaluation

ARTENS XII, 2008, Galaţi, Romania

Conferinţa Internaţională a Asociaţiei Române de Tensometrie

Universitatea "Dunărea de Jos" Galaţi, Romania, 24-25.10.2008

The Annals of "Dunărea de Jos" University of Galaţi, Fascicle XIV - Mechanical Engineering, 2008, ISSN-1224-5615

Pe lista CNCSIS B+

Gálfi, B., Dani, P., **Kakucs, A.**, Száva, I.

Experimental investigations of stress-strain state of a thin-walled vessel

ARTENS XII, 2008, Galați, Romania

Conferința Internațională a Asociației Române de Tensometrie

Universitatea "Dunărea de Jos" Galați, Romania, 24-25.10.2008

The Annals of "Dunărea de Jos" University of Galați, Fascicle XIV - Mechanical Engineering, 2008, ISSN-1224-5615

Pe lista CNCSIS B+

2009

Száva János, **Kakucs András**, Jármái Károly, Farkas József, Dani Péter, Varga Béla, Gálfi Botond

Felhabzó tűzvédelmi bevonatok kísérleti eredményei

(Rezultate experimentale ale protecțiilor ignifuge intumescente)

Műszaki szemle / Technical Review, Ed. specială OGET2009 (Gheorgheni), ISSN: 1454-0746

Kakucs András, Száva Ioan, Jármái Károly, Dani Péter, Varga Béla, Popa Sorin-Codrel, Gálfi Botond-Pál

Numerical Approach And Preliminary Experimental Results Of Intumescent Paints' Behaviours At Medium Temperatures

BRAMAT 2009, Brasov, Romania

International Conference on Material Science and Engineering

Transilvania University of Braşov, Romania,

Bulletin of Transilvania University of Brasov, 2009, vol. 2, Seies I, Transilvania University Press, 2009, ISSN-1223-9631

Pe lista CNCSIS B

Varga Béla, Dani Péter, **Kakucs András**, Száva Ioan, Jármái Károly, Gálfi Botond-Pál

Intumescent Paint Fire Protected Steel Structures Elements' Internal Stress State Experimental Approach, Using Dilatometer

BRAMAT 2009, Brasov, Romania

International Conference on Material Science and Engineering

Transilvania University of Braşov, Romania,

Bulletin of Transilvania University of Brasov, 2009, vol. 2, Seies I, Transilvania University Press, 2009, ISSN-1223-9631

Pe lista CNCSIS B

2010

Botond GÁLFI, Ioan SZÁVA, **András KAKUCS**, Katalin HARANGUS

Experimental investigation combined with analytical calculus for orthotropic materials mechanical behaviours evaluation

TEHNONAV 2010, The 7th International Scientific Conference On Naval, Mechanical, Industrial And Power Engineering

Ovidius University Annals of Mechanical, Industrial and Maritime Engineering, Volume X, Tom I, 2010

Editura Ovidius University Press Constanța, 2010

ISBN 978-973-614-541-4

Pe lista CNCSIS B+

Botond GÁLFI, **András KAKUCS**, Lajos BORBÁS, József SZALAI, Katalin HARANGUS

Video Image Correlation-one useful tool in the orthotropic materials' displacement field evaluation

TEHNONAV 2010, The 7th International Scientific Conference On Naval, Mechanical, Industrial And Power Engineering

Ovidius University Annals of Mechanical, Industrial and Maritime Engineering, Volume X, Tom I, 2010

Editura Ovidius University Press Constanța, 2010

ISBN 978-973-614-541-4

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2013

Katalin HARANGUS, **András KAKUCS**, **András KAKUCS**

Finite difference modeling of orthotropic materials

Acta Universitatis Sapientiae. Electrical and Mechanical Engineering, 4, 2013

Cluj-Napoca, Romania

ISSN 2065-5916

Katalin HARANGUS, **András KAKUCS**, Botond Pál GÁLF

Boundary conditions in the form of loading, analyzed with finite-difference method

ANNALS OF THE ORADEA UNIVERSITY, Fascicle Of Management And Technological Engineering ISSUE #1, MAY 2013. Pag 99-104

ISSN 1583-0691 - CNCSIS B+

C6. Lucrări științifice publicate în volumele manifestărilor științifice

2002

Kakucs, András

The Nelder - Mead Method in Optimization Using Artificial Neural Network

(Metoda Nelder-Mead în optimizarea bazată pe rețele neuronale artificiale)

A&QT-R 2002 (THETA 13)

2002 IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics

May 23 – 25, 2002, Cluj-Napoca, Romania

2004

Száva, I., Dani, P., Enache, V., Forgó, Z., Tolvaly-Roșca, F., **Kakucs, A.**, Hlipcă, P.

Térbeli ráccstartó modelljének elemzése induktív elmozdulásmérők és holografikus interferometria segítségével

(Analiza unei structuri cu zăbrele cu transductoare de deplasare inductive și prin interferometrie holografică)

Mérnökszeizmológiai konferencia Magyarország Földrengésbiztonsága, Modellezés, Méretezés. Conference on Modelling and dimensioning in Seismology, Széchenyi István Egyetem, Építési és Környezetmérnöki Intézet Szerkezetépítési Tanszéke, Győr, 2004. November 4-5. (Conferință de Seismologie Inginerească, Győr, Ungaria)

Lucrările Conferinței, pag. 85-90.

2005

Kakucs, A., Forgó, Z., Tolvaly-Rosca, F., Papp, I., Száva, I., Dani, P., Lőrincz, A.

Egy síkmechanizmus sajátfrekvenciájának szélsőértékei

(Valori extreme ale frecvențelor proprii unui mecanism plan)

MicroCAD 2005, International Scientific Conference, University of Miskolc, 10-11 March, 2005, Proceedings of the Conference, Section G, Applied mechanics, Modern Numerical Methods, pag. 73-78. ISBN Code: 963 661 646 9 0; 963 661 653 1.

Forgó, Z., **Kakucs, A.**, Dani, P., Száva, I.

Experimental and theoretical determination of harmonics for planar 3 D.O.F. parallel mechanism

The 4th Finno-Ugric International Conference of Mechanics with ESI Group Symposium, Ráckeve, Hungary, 29 May - 4 June, 2005.

Proceedings of the Conference, pag. 34-36.

Kakucs, A., Forgó, Z., Dani, P., Száva, I., Tolvaly-Rosca, F., Lőrincz, A.

Theoretical and Experimental Researches of a Planar Mechanism from Vibrations' Point of View (part one)

A IV-a Conferința de Dinamica mașinilor cu participare internațională, CDM-2005, Universitatea Transilvania din Brașov, 27-28 Mai 2005,

Lucrările Conferinței, Vol. II, pag. 225-228. Cod ISBN: 973-6358-511-X; 973-635-513-6 (Vol. II.).

Kakucs, A., Forgó, Z., Dani, P., Száva, I., Tolvaly-Rosca, F., Lőrincz, A.

Theoretical and Experimental Researches of a Planar Mechanism from Vibrations' Point of View (part two)

A IV-a Conferința de Dinamica mașinilor cu participare internațională, CDM-2005, Universitatea Transilvania din Brașov, 27-28 Mai 2005,

Lucrările Conferinței, Vol. II, pag. 229-232. Cod ISBN: 973-6358-511-X; 973-635-513-6 (Vol. II.).

Forgó, Z., **Kakucs, A.**, Száva, I., Dani, P., Papp, I., Lőrincz, A.

Selection of 3 D.O.F. Parallel Mechanism Considering Workspace Attributes

International Conference on Material Science and Engineering, BRAMAT-2005, Transilvania University of Brasov, 24-26 February 2005.

Proceedings of The Conference, pag. 30., Cod ISBN: 937-635-454-7.

Száva, I., Papp, I., Enache, V., Forgács, E., Forgó, Z., **Kakucs, A.**, Dani, P., Tolvaly-Rosca, F., Pereteanu, K., Lőrincz, A.

Experimental Investigation Of Cylinder Head Gasket Materials

International Conference on Material Science and Engineering, BRAMAT-2005, Transilvania University of Brasov, 24-26 February 2005.

Proceedings of The Conference, pag. 54., Cod ISBN: 937-635-454-7.

Száva, I., Enache, V., Forgács, E., Hodúr, C., **Kakucs, A.**, Papp, I., Forgó, Z., Tolvaly-Rosca, F., Dani, P., Lőrincz, A., Hlipcă, P., Perețeanu, K..

Experimental Investigation of the Main Bearing Zone Elastical Properties from Parametrical Vibrations' Point of View Using Holographic Interferometry

Dynamics of Civil Engineering and Transport Structures and Wind Engineering, DYN-WIND-2005, University of Zilina, Slovakia, 23-25 May, 2005, Proceedings of the Conference, pag. 147-150, ISBN Code: 80-8070-352-5.

Forgó, Z., **Kakucs, A.**, Száva, I., Dani, P.

Platform Harmonics determination for 3 D.O.F. Parallel Mechanism

The 4th Youth Danubia-Adria Symposium on Experimental Solid Mechanics, Castrocaro Terme, Italy, 4-7 May, 2005, Proceedings of the Symposium, pag. 73-74, Code ISBN: 88-901080-2-9-44406.

I. Száva, C. Hodúr, E. Forgács, V. Enache, Z. Forgó, **A. Kakucs**, P. Hlipca, F. Tolvaly-Rosca, A. Lőrincz.

Elastical Properties Of The Cylinder Head Gaskets Materials

The 8th International Symposium on Interdisciplinary Regional Research Hungary – Romania – Serbia and Montenegro, ISIRR-8, University of Szeged, Hungary, 20-21 April, 2005.

Proceedings of the Symposium, pag. 45-48.

Száva, I., Enache, V., Samota, I., Necula, R. D., **Kakucs, A.**, Forgó, Z., Tolvaly-Rosca, F., Lőrincz, A., Hlipca, P.
A hosszú csontok roncsolás-mentes vizsgálata Holografikus Interferometria alkalmazásával
(Studiul oaselor lungi cu metode neintrusive prin interferometrie holografică)
IV. Roncsolásmentes Anyagvizsgáló Konferencia, MAROVISZ-IV., Eger, Hungary, 12-15 April 2005. 06. 27. Lucrările Conferinței, pag. 75-80.

2006

Kakucs, A., Forgó, Z., Dani, P., Tolvaly-Rosca, F., Száva, I.
Prediction of Extreme Values Using Artificial Neural Network
International Workshop “Advanced Researches in Computational Mechanics and Virtual Engineering”, 18-20 October 2006, “Transilvania” University of Braşov, Romania
Proceedings of the Workshop, Code ISBN: 973-635-823-2; 978-973-635-821-0
Száva, I., Samota, I., Necula, R., Pascu, A., Dani, P., **Kakucs, A.**, Tolvaly-Rosca, F., Forgó, Z.
Micro-and Macro Displacement Field Evalution of Fractured Long Human Bones, Using Holographic Interferometry and Electrotensometrical Strain Gauges
First South-East European Conference on Cumputational Mechanics, SEECCM-06 June 28-30, 2006, Kragujèvac, Serbia, University of Kragujèvac,
Proceedings of Conference, Code ISBN: 86-81037-13-7, pag. 454-461
Tolvaly-Rosca, F., Hollanda, D., Száva, I., **Kakucs, A.**, Forgó, Z.
Contact Algorythm in VBA, for Kinematic Studies on Rigid, Solid Gear Models
MicroCAD 2006, International Scientific Conference, 16-17 March 2006-09-04, Miskolc, Hugarly,
Proceedings of Conference, Section F, Applied Mechanics, pag. 31-36.

2007

Kakucs, András, Száva, János, Dani, Péter, Constantin, Vasile
A New Approach to Estimate the Intumescent Coatings' Quality
MicroCAD 2007, Miskolc, Hungary, International Scientific Conference
University of Miskolc, Miskolc, Hungary
Proceedings of the Conference, Section F: Applied Mechanics, pag. 25-30.
ISBN-978-963-661-742-4 0, ISBN-978-963-661-747-9
Száva, Ioan, Gálfi, Botond, Szalai, József, **Kakucs, András**, Sárosi, Pál
Moiré Fringes Method used in Materials Characteristics Evaluation for Wood-based Materials
The 3rd Conference on Hardwood Research and Utilisation in Europe, University of West Hungary, Sopron, 3-4 September 2007
Paper presented and under publication/printing (10 pages).
Száva, Ioan, **Kakucs, András**, Tutunea, Remus, Popa, Sorin, Barna, Andrei, Gálfi, Botond, Sárosi, Pál, Harangus, Katalin, Demzse, Lóránd
Research Concerning on Mechanical Properties of Cylinder-Head Gasket Materials
The 12th International Conference on Problems of Material Engineering, Mechanics and Design, University of Trencin, Faculty of Puchov, Jasna, Slovak Republic, 29-31 August, 2007
Book of Abstracts, pag. 119., ISBN-978-80-969728-1-4, EAN-9788096972814, Full text on CD with ISBN 978-80-969728-0-7, EAN-9788096972807
Kakucs, András, Száva, János
The Mechanical and Electrical Analogy of Hydraulic Circuits
The Second International Conference „Computational Mechanics and Virtual Engineering” COMEC, 2007, Braşov

Universitatea Transilvania Braşov
ISBN 978-973-598-117-4

Necula, R., Şamotă, I., Száva, J., **Kakucs, A.**, Dani, P., Tolvaly-Rosca, F., Popa, S.
Bone Fracture Healing Pattern Evaluated by Regional Thermoreactivity
The Second International Conference "Computational Mechanics and Virtual Engineering"
COMEC, 2007, Braşov
Universitatea Transilvania Braşov
ISBN 978-973-598-117-4

2008

Kakucs, A., Száva, J., Tolvaly-Rosca, F., Forgó, Z.

New method in analysis of hydraulic circuits

MicroCAD 2008 International Scientific Conference Miskolc, Hungary 2008

ISBN 978-963-661-812-4, ISBN978-963-661-9.

Tolvaly- Rosca, F., Forgó, Z., **Kakucs, A.**, Száva, J.

Some Results Obtained in Kinematic Studies of Bevel Gearing Process Precision, Effectuated in Virtual Environment on Solid Gear Models

MicroCAD 2008 International Scientific Conference Miskolc

Miskolc, Hungary 2008

ISBN 978-963-661-812-4, ISBN978-963-661-9.

Forgó, Z., Tolvaly- Rosca, F., **Kakucs, A.**, Száva, J.

Matrix Form Closure Equations for Geometrical Modeling of Mechanisms

MicroCAD 2008 International Scientific Conference Miskolc

Miskolc, Hungary 2008

ISBN 978-963-661-812-4, ISBN978-963-661-9.

Dani, P., **Kakucs, A.**, Gálfi, B., Varga, B., Száva, I.

FEM analisys of intumescent coatings

Advanced Compsite Materials Engineering and Advanced in Human Body Protection to Vibrations, COMAT-2008, Transilvania University of Braşov, Under FISITA Patronage, 9-11 Oct. 2008

ISS: 1844-9336

2009

Dani P, Jármái K, **Kakucs A**, Farkas J., Száva J., Kalmár L., Gálfi B. P.

New testing devices of intumescent coatings

The 3rd International Conference on "Computational Mechanics and Virtual Engineering, COMEC 2009, Under FISITA Patronage, 29 – 30 October 2009, Brasov, Romania, Volume of the Conference, Edited by "Transilvania" University Press

ISBN: 978-973-598-572-1, pag. 752-757

Száva, I., **Kakucs, A.**, Varga, B., Popa, S. C., Gálfi, B., Dani, P.

Experimental Investigations on Cylinder-Head Gasket Materials Mechanical Properties Used in Numerical Analysis

The First International Conference on Recent Achievements in Mechantronics, Automation, Computer Science and Robotics, MACRo-2009, March 20-21, 2009, Sapientia University, Târgu-Mureş, Romania

Abstract Book of the Conference, pag. 27.

Száva J, **Kakucs A**, Dani P, Varga B., Gálfi B. P, Jármái K, Kalmár L.

New testing device of intumescent paints at high temperatures

XXIII. MicroCAD 2009, 19-20. March 2009, University of Miskolc, Hungary.

ISBN 978-963-661- 880-3, pag. 191-194.

2010

András Kakucs

The Electro-Hydraulic Analogy

The Second International Conference on Recent Achievements in Mechantronics, Automation, Computer Science and Robotics, MACRo-2010, May 14-15, 2010, Sapientia University, Târgu-Mureş, Romania

Proceedings of the 2nd Conference on Recent Achievements in Mechantronics, Automation, Computer Science and Robotics, MACRo-2010, SCIENTIA Publishing House

ISBN 978-973-1970-39-4

Dani Péter, **Kakucs András**, Jármái Károly, Száva János, Farkas József, Gálfi Botond

Comparative Stiffness Analysis Of Covered And Uncovered Structural Elements With Intumescent Paints At High Temperature

XXIV. MicroCAD 2010, 18-20. March 2010, University of Miskolc, Hungary.

ISBN 978-963-661- 916-9.

R. Necula, I. Samota, I Száva, **A. Kakucs**, F. Sabou

Biological Nailing of Instabile Shaft Fracture

International Conference on Analytical and Nanoanalytical Methods for Biomedical and Environmental Sciences (IC-ANMBES), Brasov, Iune 18-20, 2010

Proceedings of the Conference, Editura Universităţii Transilvania Braşov, 2010

ISBN 978-973-598-722-0

DANI Péter, **KAKUCS András**, JÁRMAI Károly, SZÁVA János, GÁLFI Botond

Keretsarkok vizsgálati programja tűzvédelemre

(A Measurement Program For Fire Safety Of Frame Connections)

Conferinţa XVIII. 2010, Baia-Mare, Aprilie 22-25, 2010

ISSN 2068-1267

KAKUCS András, JÁRMAI Károly, POSTELNICU Adrian, SZÁVA János

A hidraulikus-elektromos analógia

(The electro-hydraulic analogy)

Conferinţa XVIII. OGET 2010, Baia-Mare, Aprilie 22-25, 2010

ISSN 2068-1267

R. Necula, I. Samota, J. Szava, B. Galfi, A. Burnariu, **A. Kakucs**

Electro-Tensometrical Study Of Internal Fixation With Plate, In Stabil Versus Instabil Shaft Fractures

8th Central-European Orthopaedic Congress, June 16-17, 2010, Pécs, Hungary

Volumul Conferinţei, A-0103

R. Necula, I. Samota, J. Szava, B. Galfi, A. Burnariu, **A. Kakucs**

Micro-Movement Evaluation In Flexible Versus Rigid Internal Fixation In Unstable Shaft Fractures By Video Image Correlation

8th Central-European Orthopaedic Congress, June 16-17, 2010, Pécs, Hungary

Volumul Conferinţei, A-0103

Botond Gálfi, Ioan Száva, **András Kakucs**, Katalin Harangus

A new analytical approach of the annual rings' contribution on the hardwood elements loading capacity

The 6th International Symposium on Wood Structure and Properties, 2010, Zvolen, Slovakia
Technical University in Zvolen

ISBN 978-80-228-2145-2

Botond Gálfi, Ioan Száva, Lajos Borbás, József Szalai, **András Kakucs**

Investigation on the displacement fields of the disc-shape hardwood specimens using Video Image Correlation Method

The 6th International Symposium on Wood Structure and Properties, 2010, Zvolen, Slovakia
Technical University in Zvolen
ISBN 978-80-228-2145-2

Péter DANI, **András KAKUCS**, Károly JÁRMAI, Botond-Pál GÁLFI, József, FARKAS, Sebastian Cosmin DINU, Ioan SZÁVA

Experimental Validation Of The Intumescent Paint Effect On Structural Elements Load-Bearing Capacity

International Scientific Conference CIBv 2010, 12 – 13 November 2010, Braşov
ISSN 1843-6617

2011

János Száva, Botond-Pál Gálfi, **András Kakucs**

Theoretical and Experimental Approach of The Early- and Late-wood Mechanical Characteristics' Evaluation

MicroCAD 2011, Miskolc, Hungary, International Scientific Conference

University of Miskolc, Miskolc, Hungary

Proceedings of the Conference, Section E: Applied Mechanics, pag. 43-48.

ISBN-978-963-661-958-9

Száva János, Gálfi Botond-Pál, **Kakucs András**, Orbán Piroska

*Újabb nagyérzékenyséű érintésmentes módszerek a roncsolás-mentes vizsgálatokhoz
(Metode noi nedistructive noncontact de precizie înaltă)*

VII. Roncsolásmentes Anyagvizsgáló Konferencia, MAROVISZ-VII., Eger, Hungary, 12-14 April 2011. Lucrările Conferinței (CD).

Borbás Lajos, Száva János, Gálfi Botond, **Kakucs András**

A New Approach in the Poisson Ratios Establishing of the Soft-Wood Materials Components

28th Danubia - Adria – Symposium on Advances in Experimental Mechanics, Siófok, Hungary 28. Sept. – 1. Oct, 2011.

Lucrările conferinței, ISBN: 978-963-9058-32-3

2013

Száva J, Jármai K, Vlase S, Dani P, **Kakucs A**, Gálfi B. P, Dinu s

Experimental investigation on one most used steel joint with intumescent paint.

Design, Fabrication and Economy of Metal Structures. International Conference, 2013, Miskolc, Hungary.

Ed. Springer, ISBN 978-3-642-36690-1 - Monitorizat Scopus

Harangus Katalin, **Kakucs Andras**, Galfi Botond Pal

Plane State Problem Analysis With Finite-Difference Method

1st Annual International Interdisciplinary Conference, AIIC 2013, 24-26 April, Azores, Portugal - Proceedings. pag 123-130

<http://www.eujournal.org/index.php/esj/article/view/1442/1451>

ISSN: 1857 - 7881

Katalin HARANGUS, **András KAKUCS**, Botond GÁLFI

Preliminary Results Of An Image Processing Based Procedure For Wood Structure Characterization

International Conference “Wood Science And Engineering In The Third Millennium”, 9th edition, ICWSE 2013, November 7-9, Brasov
Editura Universității Transilvania din Brașov, 2013, ISSN 1843-2689

2014

János Száva, Károly Jármay, Tibor Bondár, Sorin Vlase, Péter Dani, **András Kakucs**, Horațiu Teodorescu-Drăghicescu, Renata Munteanu, Botond Pál Gálfi
New Testing Device For Validation Of The Intumescent Paints' Fem Modelling
MicroCAD 2014, Miskolc, Hungary, International Scientific Conference
University of Miskolc, Miskolc, Hungary
Proceedings of the Conference.

Popa-Müller Izolda, Papp István, **Kakucs András**
Tű- és cernaragató mechanizmus pozíciójának vizsgálata kényszeregyenletek segítségével
(Analiza mecanismelor mașinii de cusut cu ajutorul ecuațiilor de constrângere)
Zilele Științei Maghiare în Transilvania), 2014, Cluj-Napoca, 2014.XI. 20-21, SMA
Műszaki Tudományos Közlemények, ISSN 2393-1280 (Societatea Muzeului Ardelean, Cluj-Napoca)

2015

Pásztor Judit, **Kakucs András**
Erőgép-ásógép üzemeltetésének elemzése növényházi körülmények között
(Analiza energetică a utilizării mașinilor agricole în prelucrarea solului în sere)
Zilele Științei Maghiare în Transilvania), 2015, Cluj-Napoca, 2015.XI. 20-21, SMA
Műszaki Tudományos Közlemények, ISSN 2393-1280 (Societatea Muzeului Ardelean, Cluj-Napoca)

2016

Kakucs András, Popa-Müller Izolda, Pásztor Judith
Aluldeterminált szerkezetek zérus frekvenciájú saját módjainak valósághű ábrázolása
(Reprezentarea realistică a modurilor proprii cu frecvență nulă a structurilor)
Conferința FMTU - XXI. - 2016 (SMA)
2016. III. 17 – 18, Cluj-Napoca
Műszaki Tudományos Közlemények, ISSN 2393-1280 (Societatea Muzeului Ardelean, Cluj-Napoca)

2017

Kakucs András, Csomor Levente
Engler-viszkoziméter modernizálása
(Modernizarea viscozimetrelui Engler)
Conferința FMTU - XXII. - 2017 (SMA)
2017. III. 23 – 24, Cluj-Napoca
Műszaki Tudományos Közlemények, ISSN 2393-1280 (Societatea Muzeului Ardelean, Cluj-Napoca)

Kakucs András, Tolvaly-Rosca Ferenc, Forgó Zoltán
Pneumatic Motor With Planetary Piston
ACIPV 2017 (Pneumobil-konferencia), Óbudai Egyetem - AVENTICS Eger
2017.V.5, Eger

2018

Pécsi L, Pásztor J, **Kakucs A.**

Nyílvevizsgáló hajlító vizsgálata (Bending-Testing of Arrows)
Conferința FMTU - XXIII. - 2018 (SMA)
2018. III. 23 – 24, Cluj-Napoca
Műszaki Tudományos Közlemények, ISSN 2393-1280 (Societatea Muzeului Ardelean, Cluj-Napoca)

2022

Harangus Katalin, **Kakucs A.**
Problem solving skills: analysis of the relationships between computational thinking and reading comprehension
ICERI2022 Proceedings, IATED Academy, Seville, 2022,
2022, Seville

Harangus Katalin, **Kakucs A.**
The level of development of digital competence among teacher training students
ICERI2022 Proceedings, IATED Academy, Seville, 2022,
2022, Seville

Harangus Katalin, **Kakucs A.**, Kátai Z.
Algoritmus vizualizációk a dinamikus programozás oktatásában
Szakképzés-Pedagógia Tudományos Közlemények, BME Gazdasági- és
Társadalomtudományi Kar Műszaki Pedagógiai Tanszék
2022, Budapest

2023

Harangus Katalin, **Kakucs A.**, Kátai Z.
A Context-Based Approach to Teaching Dynamic Programming
Proceedings of the International Conference on Paradigms of Computing, Communication
and Data Sciences, Springer Nature Singapore, 2023
2023, Singapore

Harangus Katalin, **Kakucs A.**
Didactic Tool for Intuitive Random Process Visualization
Learning in the Age of Digital and Green Transition, Springer International Publishing,
Frankfurt, 2023
2023, Wien

Harangus Katalin, **Kakucs A.**, Kovács Gabriella
Mathematical Model for Estimating Mother Tongue Competencies and Learning Outcomes
Learning in the Age of Digital and Green Transition. ICL 2022. Lecture Notes in Networks
and Systems, Springer International Publishing, Frankfurt, 2023
2023, Wien

G. Contracte de cercetare (menționați calitatea de director sau membru)

– *Studiul unui mecanism plan cu trei grade de libertate în scopul măririi spațiului de lucru*
Beneficiar: Institutul Programelor de Cercetare al Fundației Sapientia, 2003 – 2006-membru

– *Studiul teoretic (prin modelare cu elemente finite) și practic (experimental) al protecțiilor
ignifuge realizate cu vopsele intumescente*
Beneficiar: Institutul Programelor de Cercetare al Fundației Sapientia, 2006 –2009
director

– *Proiectarea optimă a structurilor metalice din punctul de vedere al rezistenței la incendii*
Proiect de cooperare bilaterală România-Ungaria, 87/22.08.2008
membru

– *Obținerea și investigarea microstructurală a straturilor subțiri tribologice de compoziție TiAlSiN*
Beneficiar: Institutul Programelor de Cercetare al Fundației Sapiientia, 2009 –2011
membru

– *Oxigén hatásának feltárása TiN vékonyrétegek szerkezetének kialakulására*
(Cercetări privind efectul oxigenului asupra structurii straturilor subțiri din TiN)
Programul de burse de cercetare pentru maghiarii în afara Ungariei ale Academiei Maghiare (Az MTA Határon Túli Magyar Tudományosságért Ösztöndíj Program MTA HTMTÖP), 2010C00253CS, 2010
membru

– *Az anyagok mechanikai tulajdonságait vizsgáló berendezéseinek elemzése, oktatási laboratóriumfejlesztés*
(Analiza și dezvoltarea aparaturii didactice de laborator în domeniul studiului materialelor)
Asociația Muzeului Ardelean, proiect de cercetare nr. 574.12.1/P.2/WEK din 2011.

– *Sűrített levegővel működtetett bolygó dugattyús motor fejlesztése*
(Dezvoltarea unui motor pneumatic cu piston rotativ)
Beneficiar: Institutul Programelor de Cercetare al Fundației Sapiientia, 2011 – 2014
director

– *Fogaskerekűk egyes modellezési eljárásának fejlesztése és az előállított modellek minőségi értékelése végelem elemzés segítségével*
(Dezvoltarea procedurii de modelare mixtă a roților dințate și evaluarea calitativă de analiză cu element finit a modelelor construite)
Beneficiar: Institutul Programelor de Cercetare al Fundației Sapiientia, 2015 – 2016
membru

K. Alte realizări semnificative. Participări la conferințe naționale și internaționale (cele la care ați susținut comunicări)

2007

Kakucs, A., Száva, J., Dani, P.
Felhabzó festékek végelelemes modellezése
(Modelarea comportării vopselelor intumescențe prin metoda elementelor finite)
Conferința MAMEK X. - 2007
August 27 – 29, 2007, Miskolc, Ungaria

2008

Kakucs, A.
Hidraulikus és elektromos körök, mechanikai rendszerek analógiája
Conferința FMTU XIII. - 2008 (Societatea Muzeului Ardelean)
Martie 14 – 15, 2008, Cluj-Napoca

2009

Kakucs András, Dani Péter, Jármái Károly, Száva János, Gálfi Botond-Pál
Kísérleti berendezés felhabzó tűzvédelmi bevonatok tanulmányozására

(Instalație experimentală pentru studiul protecțiilor ignifuge intumescente)
Conferința „A Magyar Tudomány Napja Erdélyben” (Zilele Științei Maghiare în Transilvania),
2009, Cluj-Napoca, Noiembrie 20-21, 2009, Organizată de Societatea Muzeului Ardelean

2010

Péter Dani, **András Kakucs**, Károly Jármai, Botond-Pál Gálfi, József Farkas, Sebastian Cosmin Dinu, Ioan Száva

Comparative Behaviours Analysis Of The Intumescent Paints Influence On Structural Elements' Load-Bearing Capacity

Conferința COMAT - 2010 (3rd International Conference Advanced Composite Materials Engineering, International Conference Research & Innovation in Engineering, Under FISITA Patronage, 27- 29 October 2010, Brașov)

Szabó Zoltán, **Kakucs András**

Pneumobil

Conferința FMTU XIV. - 2010 (Societatea Muzeului Ardelean)

Martie 25 – 26, 2010, Cluj-Napoca

2011

Gálfi Botond, Száva János, **Kakucs András**, Orbán Piroska

Korai-, és késői pászták rugalmas jellemzőinek meghatározása egyszerű nyomóvizsgálat alapján lágy fafajták esetében

Conferința MAMEK XIV. - 2011

August 29 – 31, 2011, Miskolc, Ungaria

2012

Bimbó Áron, Bitay Enikő, **Kakucs András**

Fárasztóvizsgálati berendezés forgó hajtással és automatikus jelfeldolgozással

Conferința FMTU XVII. - 2012 (Societatea Muzeului Ardelean)

Martie 22 – 23, 2012, Cluj-Napoca

Bíró Zoltán, Bitay Enikő, **Kakucs András**, Filep Emőd

A dilatométer korszerűsítése jelfeldolgozó rendszerrel ellátva

Conferința FMTU XVII. - 2012 (Societatea Muzeului Ardelean)

Martie 22 – 23, 2012, Cluj-Napoca

Gagy László, Bitay Enikő, **Kakucs András**, Filep Emőd

A dilatométeres berendezés modernizálása hőszabályozással

Conferința FMTU XVII. - 2012 (Societatea Muzeului Ardelean)

Martie 22 – 23, 2012, Cluj-Napoca

Szekeres Péter, Bitay Enikő, **Kakucs András**

Törésmechanikai vizsgálat pneumatikus géppel

Conferința FMTU XVII. - 2012 (Societatea Muzeului Ardelean)

Martie 22 – 23, 2012, Cluj-Napoca

2013

Kakucs András, Papp István, Forgó Zoltán, Tolvaly Rosca Ferenc

Bolygó dugattyús pneumatikus motor

(Motor pneumatic cu piston planetar)

Conferința „A Magyar Tudomány Napja Erdélyben” (Zilele Științei Maghiare în Transilvania),
2013, Cluj-Napoca, Noiembrie 22-23, 2013, Organizată de Societatea Muzeului Ardelean

2014

Popa-Müller Izolda, Papp István, **Kakucs András**

*Tű- és cernaragató mechanizmus pozíciójának vizsgálata kényszeregyenletek segítségével
(Analiza cinematică a mecanismului mașinii de cusut cu ajutorul ecuațiilor de constrângere:
determinarea poziției)*

Conferința „A Magyar Tudomány Napja Erdélyben” (Zilele Științei Maghiare în Transilvania),
2014, Cluj-Napoca, Noiembrie 20-21, 2014, Organizată de Societatea Muzeului Ardelean

Popa-Müller Izolda, Papp István, **Kakucs András**

*Tű- és cernaragató mechanizmus sebességének vizsgálata kényszeregyenletek segítségével
(Analiza cinematică a mecanismului mașinii de cusut cu ajutorul ecuațiilor de constrângere:
determinarea vitezelor)*

Conferința „A Magyar Tudomány Napja Erdélyben” (Zilele Științei Maghiare în Transilvania),
2014, Cluj-Napoca, Noiembrie 20-21, 2014, Organizată de Societatea Muzeului Ardelean

2015

Pásztor Judit, **Kakucs András**

*Erőgép-ásógép üzemeltetésének elemzése növényházi körülmények között
(Analiza indicatorilor de exploatare ale agregatului tractor-mașină de săpat solul în spațiu
protejat)*

Conferința „A Magyar Tudomány Napja Erdélyben” (Zilele Științei Maghiare în Transilvania),
2015, Cluj-Napoca, Noiembrie 20-21, 2015, Organizată de Societatea Muzeului Ardelean

2016

Kakucs András, Popa-Müller Izolda, Pásztor Judith

Reprezentarea realistă a modurilor proprii cu frecvență nulă ale structurilor subdeterminate

Conferința FMTU XXI. - 2016 (Societatea Muzeului Ardelean)

Martie 17 – 18, 2016, Cluj-Napoca

2017

Kakucs András, Csomor Levente

Engler-viszkoziméter modernizálása (Modernizarea viscometrului Engler)

Conferința FMTU XXII. - 2017 (Societatea Muzeului Ardelean)

Martie 23 – 24, 2016, Cluj-Napoca

Kakucs András, Tolvaly-Rosca Ferenc, Forgó Zoltán

Pneumatic Motor With Planetary Piston

ACIPV 2017 (conferință de pneumobil), Universitatea din Óbuda - Aventics Eger

Mai 05, 2017, Eger, Ungaria

2018

Pécsi L, Pásztor J, **Kakucs A.**

Nyílvevesszők hajlító vizsgálata (Bending-Testing of Arrows)

Conferința FMTU - XXIII. - 2018 (Societatea Muzeului Ardelean)

23 – 24 martie 2018, Cluj-Napoca

Műszaki Tudományos Közlemények, ISSN 2393-1280 (Societatea Muzeului Ardelean, Cluj-Napoca)

2019

Pásztor Judit, Kakucs András, Timár Zoltán, Egyed-Faluvégi Erzsébet

Növényvédelmi fúvókák cseppméretének elemzése (Analysis of Droplet Size of Spray Nozzles)

Conferința FMTU XXIV. - 2019 (Societatea Muzeului Ardelean)

28 martie 2019. III. 28, Cluj-Napoca

Műszaki Tudományos Közlemények, ISSN 2601-5773 (Societatea Muzeului Ardelean, Cluj-Napoca)

2023

Kakucs A, Harangus Katalin

Calculator analogic

Conferința „Zilele științei maghiare din Transilvania 2023”, 18.10.2023.XI, Societatea Muzeului Ardelean, Cluj-Napoca

2024

Kakucs A, Harangus Katalin

Ultrahangos szélességmérő, (Anemometru ultrasonic)

Conferința „Zilele științei maghiare din Transilvania 2024”, Societatea Muzeului Ardelean, Cluj-Napoca, 32.11.2024.

Harangus Katalin, Kakucs András

Are we up to teaching Generation Alpha? Digital competences of teacher training students
Budapest International Conference on Education, 2024.IX. 28-30

Harangus Katalin, Kakucs András

Examining Teacher Trainees' Use of Digital Tools From the Perspective of Learning and Teaching

The Barcelona Conference on Education, Barcelona, 2024.IX.13-16

2025

Kakucs A, Harangus Katalin, Király Zsolt

Bűvös négyzetek (Magic Squares)

Conferința FMTU XXX. - 2025 (Societatea Muzeului Ardelean) (EME)

20-21.03.2025., Cluj-Napoca

Kakucs András, Harangus Katalin

Enhancing Engineering Education Through Experimental Mechanics: A Wheatstone Bridge-Based Teaching Tool

28th Interactive Collaborative Learning and Engineering Pedagogy, Budapest, 2025.X.1-3.

Harangus Katalin, Kakucs András

Digital Competence of Future Educators: Assessing the Skills of Teacher Training Students

9th International Academic Conference on Teaching, Learning and Education, Praga, 2025.IX.19-21

Data,

5 octombrie, 2025