



Facultatea Construcții de Mașini
 Departamentul Ingineria Proiectării și Robotică
 S.I. dr. ing. Comes Radu

LISTA DE LUCRĂRI

1. Lista celor 10 lucrări considerate relevante

1. Neamtu C., Bratu I., Marutoiu C., Marutoiu V.C., Nemes O.F., **Comes R.**, Bodi, S., Buna Z., Popescu D., Component Materials, **3D Digital Restoration, and Documentation of the Imperial Gates from the Wooden Church of Voivodeni, Sălaj County, Romania**, Applied Sciences, Vol 11., Issue 8, Pages 3422, 2021, WOS:000643993700001 [ISI FI 2,474];
2. Weckenmann A., Bodi S., Popescu S, Dragomir M., Hurgoiu D., **Comes R., Hit or Miss? Evaluating the Potential of a Research Niche: A Case Study in the Field of Virtual Quality Management**, SUSTAINABILITY, Vol. 11, Issue 5, ISSN: 2071-1050, 2019 (WOS:000462661000234) [ISI FI 2,592];
3. Marutoiu C., Bratu I., Nemes O.F., Dit I.I., **Comes R.**, Tanaselia C., Falamas A., Miclaus M., Marutoiu V.C., Morar R., **Instrumental analysis of materials and topology of the Imperial Gates belonging to the Apahida wooden church, Cluj County**, VIBRATIONAL SPECTROSCOPY, Vol. 89, pp.131-136, ISSN: 0924-2031, 2017 (WOS:000399513000018) [ISI FI 1,861];
4. **Comes R.**, Neamtu C., Buna Z., Badiu I., Pupeza P., **METHODOLOGY TO CREATE 3D MODELS FOR AUGMENTED REALITY APPLICATIONS USING SCANNED POINT CLOUDS**, MEDITERRANEAN ARCHAEOLOGY & ARCHAEOLOGY, Vol. 14, Issue 4, pp.35-44, ISSN: 1108-9628, 2014 (WOS:000347272500005);
5. Buna Z., Popescu D., **Comes R.**, Badiu I., Mateescu R., **ENGINEERING CAD TOOLS IN DIGITAL ARCHAEOLOGY, MEDITERRANEAN ARCHAEOLOGY & ARCHAEOLOGY**, Vol. 14, Issue 4, pp. 83-91, ISSN: 1108-9628, 2014 (WOS:000347272500010);
6. **Comes R.**, **HAPTIC DEVICES AND TACTILE EXPERIENCES IN MUSEUM EXHIBITIONS**, JOURNAL OF ANCIENT HISTORY AND ARCHAEOLOGY, Vol.3, Issue 4, ISSN: 2360-266X, 2016 (WOS:000448907500007);
7. **Comes R.**, Neamtu C., Buna Z., Mateescu L-S., **EXPLORING DACIAN CULTURAL HERITAGE WITH dARcit AUGMENTED REALITY APPLICATION**, JOURNAL OF ANCIENT HISTORY AND ARCHAEOLOGY, Vol.4, Issue 6, pp.71-77, ISSN: 2360-266X, 2019 (WOS:000511167200007);
8. Neamtu C., Popescu, S., Paul, B., **Comes R., Innovative mechanical structure for hospital bed folding using a single actuator**. Acta Technica Napocensis - Series: Applied Mathematics, Mechanics, And Engineering, 2016, Vol. 59, Iss. 4, ISSN 1221 – 5872 (WOS:000416957100004);
9. Neamtu C., **Comes R.**, Bolba R., Ghinea R., **Improving The Design Of Plastic Anchors For Polystyrene**. Acta Technica Napocensis - Series: Applied Mathematics, Mechanics, And Engineering, 2015, Vol 58, Issue 4, ISSN 1221 – 5872; (WOS:000387966300005);
10. Neamtu C., **Comes R.**, Popescu D., **METHODOLOGY TO CREATE DIGITAL AND VIRTUAL 3D ARTEFACTS IN ARCHAEOLOGY**, JOURNAL OF ANCIENT HISTORY AND ARCHAEOLOGY, Vol. 3, Issue 4, pp.65-74, ISSN: 2360-266X, 2016 (WOS:000448907500008);



2. Teza de doctorat

„CONTRIBUTII PRIVIND RECONSTITUIREA, VIZUALIZAREA SI INTERACTIUNEA IN MEDIUL VIRTUAL CU ARTEFACTE ISTORICE AFERENTE PATRIMONIULUI CULTURAL”

Conducător științific: **Prof.dr.ing. Daniela POPESCU**

Universitatea Tehnică din Cluj-Napoca

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3. Teza de abilitare

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4. Cereri de brevet de invenții

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5. Cărți si capitole in Cărți

5.1. Cărți in edituri internaționale

1. Popescu Daniela, Dragomir Diana, **Comes Radu**, Popescu Sorin, Dragomir Mihai, Neamțu Călin, **Enhancing Management and Marketing in Cultural Heritage by Using New Technologies**, Trivent Publishing, Capitol in “The best Romanian Management Studies 2017-2018, ISBN 978-615-81353-5-1, pag. 21-32, 2020,

5.2. Cărți in edituri naționale (minim 1 prim autor)

2. **Comes Radu**, Scanarea, reconstituirea și promovarea bunurilor culturale utilizând tehnici digitale, ISBN - 978-606-020-241-7, Editura Mega, 2021 (304 pg.)
3. Constantin Marutoiu **et.all** (Ed.), **Biserici de lemn din Transilvania: Cluj si Sălaj**, Editura Mega, ISBN 978-606-543-857-6, 2017, (207 pg.).
4. Daniel Copot, **Calin Neamtu**, Daniela Popescu **et. all** (Ed.), **Handbook of Good practices in Smart manufacturing**, Editura Mega , e-ISBN: 978-606-543-928-3, 2017, (269 pg.).
5. Neamtu Calin, Florea Gelu, Gheorghiu Gabriela, Bodo Cristina **et.all** (Ed.) **Incursiuni Dacice in Spațiul Virtual, ISBN 978-606-94125-4-1**, Editura Only One, 2016 (249 pg.)

5.3. Cărți ca editor in edituri naționale

5.4. Suporturi de curs / îndrumare (minim 2 din care 1 ca prim autor)

6. **Comes Radu**, Buna Zsolt Levente, Raul Silviu Rozsos, **SolidWorks Indrumator de proiect**, ISBN 978-606-737-450-6, UT PRESS, 2020 link <https://biblioteca.utcluj.ro/files/carti-online-cu-coperta/450-6.pdf>
7. Neamțu Călin, Daniela Popescu, Bodi Stefan, **Comes Radu**, Curta Razvan, **SolidWorks 2016 : Îndrumător de laborator**, ISBN 978-606-543-906-1, Editura Mega, Cluj-Napoca, 2017. (250 pg);
8. Neamțu Călin, Daniela Popescu, Curta Razvan, **Comes Radu**, Bodi Stefan, **SolidWorks 2016: Student’s Guide**, ISBN 978-606-543-907-8, Editura Mega, Cluj-Napoca, 2017. (250 pg);



9. **Comes Radu**, Studiul culorii pentru design (suport de curs in format electronic) - <https://e-learning.utcluj.ro/moodle/> (70 pg.);
10. **Comes Radu**, Design (suport de curs in format electronic) - <https://e-learning.utcluj.ro/moodle/> (80 pg.);
11. **Comes Radu**, Sisteme CAD-CAM-CAE (suport de curs in format electronic) - <https://e-learning.utcluj.ro/moodle/> (110 pg.);
12. **Comes Radu**, Realitate virtuala (suport de curs in format electronic) - <https://e-learning.utcluj.ro/moodle/> (80 pg.);
13. **Comes Radu**, Realitate augmentată (suport de curs in format electronic) - <https://e-learning.utcluj.ro/moodle/> (60 pg.);
14. **Comes Radu**, Concepția formei in design (suport de curs in format electronic) - <https://e-learning.utcluj.ro/moodle/> (80 pg.);

6. Articole/studii in extenso, publicate în reviste din fluxul științific internațional principal

6.1. Articole în reviste cotate ISI Thomson Reuters și în volume indexate ISI Proceedings (de la ultima promovare minim 5 (poziția 1-8) din care minim 1 în reviste (pozițiile 1-8), minim 2 ca autor principal (pozițiile 4,5,7,8).

Lista articole indexate în reviste ISI Proceedings (1-24), autor principal (4,5,7,8,10,11,17,23)

1. Neamtu, C., Bratu, I., Marutoiu, C., Marutoiu, V.C., Nemes, O.F., **Comes R.**, Bodi, S., Buna, Z., Popescu, D., Component Materials, **3D Digital Restoration, and Documentation of the Imperial Gates from the Wooden Church of Voivodeni, Sălaj County, Romania**, Applied Sciences, Vol 11., Issue 8, Pages 3422, 2021, WOS:000643993700001 [ISI FI 2,474];
2. Weckenmann, A., Bodi, S., Popescu, S, Dragomir, M., Hurgoiu, D., **Comes, R., Hit or Miss? Evaluating the Potential of a Research Niche: A Case Study in the Field of Virtual Quality Management**, SUSTAINABILITY, Vol. 11, Issue 5, ISSN: 2071-1050, 2019 (WOS:000462661000234) [ISI FI 2,592];
3. Muresan, C.I., Popa, A.M., **Comes, R., AUGMENTED REALITY IN UNIVERSITY CAMPUS INTERACTIVE ORIENTATION**, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Vol. 61, Issue 3, pp.153-158, ISSN: 1221-5872, 2018 (WOS:000451702200020)
4. **Comes, R.**, Tompa, V., Bodi, Ș., Neamtu, C. and Török, K.F., 2018. **From theory to practice: digital reconstruction and virtual reality in archaeology**. JOURNAL OF ANCIENT HISTORY AND ARCHAEOLOGY, Vol.4 Issue 4, DOI 10.14795/j.v4i4.287, ISSN: 2360-266X, WOS:000429922400005;
5. **Comes, R.**, Neamtu, C., Buna, Z., Mateescu L-S., **EXPLORING DACIAN CULTURAL HERITAGE WITH dARcit AUGMENTED REALITY APPLICATION**, JOURNAL OF ANCIENT HISTORY AND ARCHAEOLOGY, Vol.4, Issue 6, pp.71-77, ISSN: 2360-266X, 2019, WOS:000511167200007;
6. Rozsos, R. S., Buna, Z. L., Bodi, S., **Comes, R.**, Tompa, V., **DESIGN AND DEVELOPMENT OF A LINEAR DELTA 3D PRINTER**, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Vol. 63, Issue 2, pp.185-190, 2020, WOS:000550992100011;
7. **Comes, R.**, Neamtu, C., Buna, Z.L., Bodi, S., Popescu, D., Tompa, V., Ghinea, R. Mateescu-Suciu, L., **ENHANCING ACCESSIBILITY TO CULTURAL HERITAGE THROUGH DIGITAL CONTENT AND VIRTUAL REALITY: A CASE STUDY OF THE SARMIZEGETUSA REGIA UNESCO SITE**, JOURNAL OF ANCIENT HISTORY AND ARCHAEOLOGY Vol.7, Issue 3, pp.124-139, ISSN: 2360-266X, 2020, WOS:000586035500009;



8. **Comes, R., Grec, C., Neamtu C., Gazdac, C., Mateescu-Suciu L., INTANGIBLE HERITAGE?... NOT ANYMORE, FROM PHOTO TO 3D PRINTED CULTURAL HERITAGE ASSETS REPLICAS. THE TWO MISSING IRON DISCS FROM THE DACIAN HILLFORT OF PIATRA ROȘIE (ROMANIA), JOURNAL OF ANCIENT HISTORY AND ARCHAEOLOGY, Vol.8, Issue 1, ISSN: 2360-266X, 2021, WOS:000639623400010**
9. **Marutoiu, C., Bratu, I., Nemes, O.F., Dit, I.I., Comes, R., Tanaselia, C., Falamas, A., Miclaus, M., Marutoiu, V.C., Morar, R., Instrumental analysis of materials and topology of the Imperial Gates belonging to the Apahida wooden church, Cluj County, VIBRATIONAL SPECTROSCOPY, Vol. 89, pp.131-136, ISSN: 0924-2031, 2017 (WOS:000399513000018) [ISI FI 1,861];**
10. **Comes, R., Neamtu, C., Buna, Z., Badiu, I., Pupeza, P., METHODOLOGY TO CREATE 3D MODELS FOR AUGMENTED REALITY APPLICATIONS USING SCANNED POINT CLOUDS, MEDITERRANEAN ARCHAEOLOGY & ARCHAEOLOGY, Vol. 14, Issue 4, pp.35-44, ISSN: 1108-9628, 2014, WOS:000347272500005;**
11. **Comes, R., HAPTIC DEVICES AND TACTILE EXPERIENCES IN MUSEUM EXHIBITIONS, JOURNAL OF ANCIENT HISTORY AND ARCHAEOLOGY, Vol.3, Issue 4, ISSN: 2360-266X, 2016, WOS:000448907500007;**
12. **Badiu I., Comes R., Buna, Z., AUTOMATIC GENERATION OF ANCIENT POTTERY PROFILES USING CAD SOFTWARE, Journal of Ancient History and Archaeology, Vol 2. Issue. 2 ISSN:2360-266X, 2015, WOS:000448906800008;**
13. **Neamtu, C., Comes, R., Popescu, D., METHODOLOGY TO CREATE DIGITAL AND VIRTUAL 3D ARTEFACTS IN ARCHAEOLOGY, JOURNAL OF ANCIENT HISTORY AND ARCHAEOLOGY, Vol. 3, Issue 4, pp.65-74, ISSN: 2360-266X, 2016, WOS:000448907500008;**
14. **Buna, Z., Popescu, D., Comes, R., Badiu, I. Mateescu, R., ENGINEERING CAD TOOLS IN DIGITAL ARCHAEOLOGY, MEDITERRANEAN ARCHAEOLOGY & ARCHAEOLOGY, Vol. 14, Issue 4, pp. 83-91, ISSN: 1108-9628, 2014, WOS:000347272500010;**
15. **Neamtu, C., Popescu, S., Bere, P., Comes, R., INNOVATIVE MECHANICAL STRUCTURE FOR HOSPITAL BED FOLDING USING A SINGLE ACTUATOR, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Vol. 59, Issue 4, pp.365-368, ISSN: 1221-5872, 2016, WOS:000416957100004;**
16. **Neamtu, C., Comes, R., Bolba, R., Ghinea, R.A., IMPROVING THE DESIGN OF PLASTIC ANCHORS FOR POLYSTYRENE, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Vol 58, Issue 4, pp.525-532, ISSN: 1221-5872, 2015 , WOS:000387966300005;**
17. **Comes, R., Neamtu, C., DESIGN A LOW-COST EYEWEAR DISPLAY ADAPTED TO ADDITIVE MANUFACTURING, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Vol. 58, Issue 4, pp.563-566, ISSN: 1221-5872, 2015 ,WOS:000387966300011;**
18. **Popescu, D., Popister, F., Eles, A., Comes, R., IMPROVING THE QUALITY OF PLASTIC PARTS OBTAINED BY 3D PRINTING, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Vol.58, Issue 1, pp. 25-30, ISSN: 1221-5872, 2015 ,WOS:000387964500004;**
19. **Curta, R., Buna, Z., Dragomir, M., Comes, R., Banyai, D., METHODOLOGY AND CASE STUDY IN THE FURNITURE INDUSTRY USING PHOTOGRAMMETRY AND 5 AXIS MACHINING, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Vol. 58, Issue 1, pp.53-58, ISSN: 1221-5872, 2015, WOS:000387964500008;**
20. **Bere P., Neamtu C., Dudescu M., Comes R., Solcan S., Carbon epoxy front hood for an electrical city vehicle, MODERN TECHNOLOGIES IN MANUFACTURING (MTEM 2017 - AMATUC), Vol. 137, ISSN: 2261-236X, 2017, WOS:000426604200077;**



21. Bodi S., **Comes R.**, Weckenmann A., Popescu S., **ASSISTIVE AUGMENTED ENVIRONMENT IN QUALITY INSPECTION AND STATISTICAL PROCESS CONTROL**, International Conference on Production Research - Africa, Europe and the Middle East (ICPR-AEM) / 4th International Conference on Quality and Innovation in Engineering and Management (QIEM), pp.493-498, ISBN:978-606-737-180-2, 2016, WOS:000436122900083;
22. Badiu I., Popescu D., Cenusă A., Buna Z., **Comes R.**, **USING CAD SOFTWARE TO REDUCE THE AMOUNT OF DATA IN CASE OF DIGITAL PRESERVATION OF THE CULTURAL HERITAGE**, 2014 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST AND 3RD INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (ICPR-AEM 2014), pp. 12-16, ISBN:978-973-662-978-5, 2014, WOS:000346410700002;
23. **Comes R.**, Popescu D., Popister F., Buna Z., Badiu I., **TRACKING METHODS USED IN AUGMENTED REALITY MANUFACTURING**, 2014 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST AND 3RD INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (ICPR-AEM 2014), pp. 94-99, ISBN:978-973-662-978-5, 2014, WOS:000346410700018;
24. Popister F., Popescu D., **Comes R.**, Ghinea R., **SCALLOP CALCULUS IN DIRECT MILLING ROUGHING TOOL PATHS OBTAINED USING ORIENTED GRAPH THEORY**, 2014 INTERNATIONAL CONFERENCE ON PRODUCTION RESEARCH - REGIONAL CONFERENCE AFRICA, EUROPE AND THE MIDDLE EAST AND 3RD INTERNATIONAL CONFERENCE ON QUALITY AND INNOVATION IN ENGINEERING AND MANAGEMENT (ICPR-AEM 2014), pp. 411-415, ISBN:978-973-662-978-5, 2014, WOS:000346410700077;

6.2. Articole în reviste și volumele unor manifestări științifice indexate în alte baze de date internaționale. De la ultima promovare minim 5 (pozițiile 1-5), autor principal (1,3)

Lista articole indexate în reviste BDI (1-9), autor principal (1,3)

1. **Comes Radu**, The preservation and long-term use of 3D digitized cultural heritage assets ACTA ELECTROTEHNICA, No. 3, 2018;
2. Solcan S., Bodi S., **Comes R.**, Rozsos R.S., Neamtu C., Cocean C. **DESIGN AND ERGONOMIC ANALYSIS OF CAR DOORS MADE FROM COMPOSITE MATERIALS**, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, Vol. 64, Issue 1, pp. 181- 188, ISSN: 1221-5872, 2021;
3. **Comes R.**, Neamtu C., Grajdeanu A., Bodi S., **Virtual reality training system based on 3D scanned automotive parts**, ACTA TECHNICA NAPOCENSIS SERIES-APPLIED MATHEMATICS MECHANICS AND ENGINEERING, ISSN: 1221-5872, Vol. 64, Issue 1, pp. 55-62, ISSN: 1221-58722021;
4. Firea C. Serendan, C. Nemes D., Marutoiu C., Neamtu C., Buna Z., **Comes R.**, **Polipticul Sf.Martin din Sighisoara - analize de istoria artei si investigatii stiintifice ale unei opere din Renasterea Transilvaniana**, Ars Transsilvaniae, ISSN 1220 – 2789, 2021;
5. Pop G., **Comes R.**, Crisan L.A., **An Android Application for Explaining Form Deviations Using 3D Models**, Design, Simulation, Manufacturing: The Innovation Exchange, Springer, pp. 311-321, 2021;
6. Hodor A., Berce P., **Comes R.**, **SOME CONSIDERATIONS ABOUT 3D REPLICATION OF COMPLEX SURFACES**, ACTA TECHNICA NAPOCENSIS-Series: APPLIED MATHEMATICS, MECHANICS, and ENGINEERING, Vol. 56, Issue 1, pp.153-158, ISSN: 1108-9628, 2013
7. Dragomir D., **Comes R.**, **Establishing the focus of the product development strategy in a furniture start-up**, 4th Virtual International Conference on Advanced Research in Scientific Areas (ARSA-2015) Slovakia, November 9 - 13, 2015 (www.arsa-conf.com), ISBN 978-80-554-1126-2, pp. 50-54;



8. Bere P., Neamtu C., Dudescu M., **Comes R.**, Solcan S., **Processes of Plastics and Composite Materials**, MATEC Web of Conferences, 2017;
9. Neamtu C., **Comes R.**, Mateescu R., Ghinea R., Filip D., **Using virtual reality to teach history**, Proceedings of the 7th International Conference on Virtual Learning, 2-3 Noiembrie, Brasov, Romania pg. 303-310, ISSN 1844-8933, Editura Universitatii din Bucuresti, 2012.

7. Publicații in extenso, apărute în lucrări ale principalelor conferințe internaționale de specialitate

7.1. Articole în reviste / Proceedings naționale / internaționale neindexate

1. Neamtu C., **Comes R.**, Bodi S., **Augmented learning a new method for teaching GPS standards**, XIIth International Scientific Conference Coordinate Measuring Technique Bielsko-Biala, 18th – 20th of April, 2016;
2. **Comes R.**, Buna Z, Mateescu-Suciu L., **Interactive Navigation and Visualisation of Digitized Archaeological Excavations**, Computer Applications & Quantitative Methods in Archaeology CAA-UK, United Kingdom, Leicester, March 5-6, 2016;
3. **Comes R.**, Neamțu C., Marutoiu C., Bratu I., O.F. Nemes "Restaurarea digitala a Usilor Imparatesti" Simpozion - Patru decenii de functionare a Sistemului Romanesc de Conservare si Restaurare a Patrimoniului Cultural National, 21-22 mai 2015, Cluj-Napoca;
4. Daniela Popescu, **Radu Comes**, Calin Neamtu, Florin Popister, **Using Augmented Reality In Metrology For Technical Drawings And CAD Data Management**, XIth International Scientific Conference Coordinate Measuring Technique, Bielsko-Biala, 2nd-4th April, 2014;
5. Tompa V., Hurgoiu, D., **Comes, R.**, Ghinea, R., **IDART's database search engine based on image template matching and optical character recognition, Artworks and Scientific Investigations**. An Online Conference within the ID-Art Programme Framework, 2020;
6. **Comes R.**, Neamtu, C., Buna, Z.L., **Augmented Reality Enriched Project Guide For Mechanical Engineering Students**, 7th International Conference of the Immersive Learning Research Network, 2021;

8. Alte lucrări și contribuții științifice

8.1. Premii naționale în domeniu

8.2. Membru în colectivele de redacție sau comitetele științifice al revistelor și manifestărilor științifice, organizator de manifestări științifice

Google Scholar: h – index: 7, i10-index : 3, 97 citări , 87 citări in ultimi 5 ani, 37 articole indexate;

Scopus: h – index: 3, 28 citări, 10 articole indexate;

Web of Science: h – index: 3, 32 citări, 22 articole indexate.



9. Participări în colective de cercetare

1. PN-III-P1-1.1-PD-2019-1246, **Investigarea științifică și valorificarea scuturilor dacice ornamentale de parada utilizând tehnici de realitate virtuală /augmentată - Acronim VART** [[director proiect](#)];
2. Mecanismul Financiar SEE, linia de proiecte: RO-CULTURA CALL01-16, **Biserica lui Horea – un patrimoniu pentru viitor. Valorificarea unui monument de arhitectură din secolul al XVIII -lea prin intermediul realității virtuale** [[responsabil partener](#)];
3. Mecanismul Financiar SEE, linia de proiecte: RO-CULTURA CALL01-15, **Tehnici inovative în valorificarea patrimoniului cultural. Icoanele de pe Valea Sebeșului din colecția Muzeului Etnografic al Transilvaniei** [[responsabil partener](#)];
4. PN-III-P1-1.2-PCCDI-2017 - Proiect 53PCCDI/2018 - **Proiect 1- Pictori, opere, atribuiri. Protocoale pentru stabilirea paternității picturilor medievale și premoderne din România** [[responsabil partener](#)];
5. PN-III-P1-1.2-PCCDI2017-0812, Proiect 53PCCDI/2018, **Proiect 3 - Elaborarea de metodologii complexe privind atribuirea și autentificarea unor picturi medievale și premoderne din patrimoniul național** [[membru în echipa de cercetare](#)];
6. DTP1-1-072-1.1 - **MADE IN DANUBE - Transnational Cooperation to transform knowledge into marketable products and services for the Danubian sustainable society of tomorrow, 2017** [[membru în echipa de cercetare](#)];
7. PN-III-P2-2.1 PED-2019-5430, **Pat de spital inteligent – Acronim HOPE** [[membru în echipa de cercetare](#)];
8. PN-III-P2-2.1-PED-2019-1057, **Noul Exoschelet robotizat cu sistem integrat de realitate virtuală pentru reabilitare cardiacă** [[membru în echipa de cercetare](#)];
9. Mecanismul Financiar SEE, linia de proiecte: PA16/RO12, **Când viața cotidiană antică devine patrimoniu UNESCO. Scanarea, restaurarea digitală și contextualizarea artefactelor dacice din Munții Orăștiei** [[membru în echipa de cercetare](#)];
10. Fondul European de Dezvoltare Regională, POSCE, 12.P01.001 13 C3, **Cercetare pentru dezvoltarea și implementarea în producție a mobilierului inovativ, parte a Polului de competitivitate 12.P01.001 “Cluster mobilier transilvan”** [[membru în echipa de cercetare](#)];
11. PN-II-PT-PCCA-2013-4-1882 - **Evaluarea multidisciplinară a Porților Impărătești ale bisericilor de secol XV-XVI în vederea conservării și restaurării utilizând metode clasice și digitale pentru a asigura viabilitatea comunității** [[membru în echipa de cercetare](#)];

Cluj- Napoca
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Comes Radu

