

LISTA DE LUCRĂRI
conf.dr. ing Biriș Cristina Maria

Cursuri pe suport tipărit sau digital (cu ISBN) existente la nivel de domeniu/specializare

Biriș, C.M., Oleksik V.S. Popp M.O., Rusu G.P., Prelucrări prin deformare plastică la rece, Editura Techno Media, Sibiu, ISBN 978-606-616-531-0, **2024**

Biriș C. M., Proiectarea pieselor din material plastic, Ed. Tehnomedia, ISBN 978-606-616-527-3, **2024**

Racz S.G., Breaz R.E, Tera M., Gîrjob C., **Biriș C.M.**, Chicea A.L., Bologa O., Titanium Alloys for Biomedical Implants and Devices (capitol), editori carte: Hooyar Attar, Damon Kent, MDPI, ISBN 978-3-0365-0002-7 (Hbk), ISBN 978-3-0365-0003-4 (PDF), 2020, link WorldCat: https://www.worldcat.org/title/titanium-alloys-for-biomedical-implants-and-devices/oclc/1242408131&referer=brief_results

Racz G., Gîrjob C., **Biriș C.**, Sisteme hidraulice de acționare, Îndrumar de laborator, ed. Univ. Lucian Blaga din Sibiu, ISBN 978-606-12-1293-4, 2016

Oleksik V., Turcu N., **Biriș C.**, Tehnologi și sisteme de prelucrare a materialelor plastice. Îndrumar de laborator, ed. Univ. Lucian Blaga din Sibiu, ISBN 978-606-12-1008-4, 2015

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Contracte de cercetare naţionale (CNCS) şi internaţionale. Contracte POSDRU

Naţionale					
Nr. crt	Anul	Contract	Valoare	Calitatea ULBS în proiect	Echipa
1.	2007	A 752/2005, CNCSIS, <i>Studii si cercetări privind optimizarea unor materiale uşoare</i> , 2005-2007 Director: Bologa Octavian	13.900 / 2007	membru	Bologa Octavian, Breaz Radu, Racz Gabriel, Gîrjob Claudia
2.	2007	CEEX 24/2005, AMCSIT, Bologa Octavian, <i>Sisteme inteligente de prelucrare prin deformare plastică la rece în construcţie modulară</i> , 2005-2007 Director: Bologa Octavian	459.800 / 2007	membru	Bologa Octavian, Breaz Radu, Racz Gabriel, Oleksik Valentin, Gîrjob Claudia
3.	2007	CEEX 22/2005, CNMP, <i>Metode de modelare, simulare şi producţie virtuală bazată pe tehnologia informaţiei şi comunicării dedicată noii generaţii de sisteme de prelucrare reconfigurabile</i> , 2005-2007 Director din partea ULBS: Bologa Octavian	50.000 / 2007	membru	Bologa Octavian, Breaz Radu, Racz Gabriel, Gîrjob Claudia
4.	2007-2008	CEEX 130/2006, AMCSIT, Bologa Octavian, <i>Materiale, tehnologii şi echipamente pentru profilări plane şi spaţiale</i> – MATEPROF, 2006-2008 Director: Bologa Octavian	472.000 / 2007 868.000 / 2008	membru	Bologa Octavian, Breaz Radu, Racz Gabriel, Oleksik Valentin, Gîrjob Claudia

5.	2007-2008	CEEX 217/2006, AMCSIT, <i>Tehnologii avansate de încălzire rapidă în infraroșu a matrițelor pentru prelucrare la cald</i> , 2006-2008 Director din partea ULBS: Bologa Octavian	25.000 / 2007 115.000 / 2008	membru	Bologa Octavian, Breaz Radu, Racz Gabriel, Gîrjob Claudia
6.	2007-2009	71-011/2007, CNMP, <i>Tehnologie integrată de evaluare și compensare a erorilor sistemelor de prelucrare (TINCOMP)</i> , 2007-2009 Director: Bologa Octavian	1.130.000 / toată perioada	membru	Bologa Octavian, Breaz Radu, Racz Gabriel, Oleksik Valentin, Gîrjob Claudia
7.	2008	124/2007, ANCS, <i>Dezvoltarea infrastructurii de cercetare a unui laborator pentru testarea materialelor avansate utilizate în producția de caroserii auto (TESTMAT)</i> , 2008 Director: Bologa Octavian	975.500 / 2008	membru	Bologa Octavian, Breaz Radu, Racz Gabriel, Oleksik Valentin, Gîrjob Claudia
8.	2009 - 2011	72-206/2008, CNMP, <i>Sisteme agabaritice de control al mișcării plane și spațiale utilizabile în industria autovehiculelor – AGAMIS</i> , 2009-2011 Director: Bologa Octavian	1.421.175 / toată perioada	membru	Bologa Octavian, Breaz Radu, Racz Gabriel, Oleksik Valentin, Gîrjob Claudia, Biriș Cristina, Tera Melania
9.	2007-2008	154/2007, CNC SIS, Biris Cristina, Contribuții privind analiza constructiv funcțională a sistemelor de debitare cu comandă numerică, 2007-2008 Director: Biriș Cristina	5.750 / 2007 17.250 / 2008	director	Biriș Cristina
11.	2009	POSDRU/39/3.2/G/22512, AMPOSDRU, Octavian Bologa, Perfecționarea personalului cu pregătire superioară și medie din sectorul industriei prelucrătoare în domeniul tehnicilor de proiectare, fabricație și analiză tehnică asistată de calculator și dezvoltarea abilităților manageriale pentru coordonarea echipelor tehnice de lucru . Proiect cofinanțat din Fondul Social European prin Programul Operațional Sectorial pentru Dezvoltarea Resurselor Umane 2007 – 2013, Axa prioritară: 1 Educația și formarea profesională în sprijinul creșterii economice și dezvoltării societății bazate pe cunoaștere, Domeniul major de intervenție: 1.3 Dezvoltarea resurselor umane din educație și formare, 2009-2011 Director: Bologa Octavian	1.369.718,00/ 2009-2011	membru	Bologa Octavian, Turcu Nicolae, Breaz Radu, Racz Gabriel, Oleksik Valentin, Deac Cristian, Gîrjob Claudia, Biriș Cristina, Tera Melania
12.	2014	POSDRU/156/1.2/G/137094, Creșterea calității programelor de studii de licență și master în domeniile Mecatronică și Robotică și Inginerie Industrială prin armonizarea acestora cu cerințele pieței muncii și transferal de know-how, 2014-2015 Director: Bologa Octavian	1.712.760,68 / 2014-2015	membru	Bologa Octavian, Breaz Radu, Racz Gabriel, Bercan Nicolae, Pascu Adrian, Gîrjob Claudia, Biriș Cristina, Popp Ilie etc
13.	2014	POSDRU/125/5/1/S/134003, Inserție activă pe piața muncii prin FORMare profesională inovativă în domeniul INGinerie - FORMING 2004-2015 Director: Cofaru Nicolae	13.975.955,75 / 2014-2015	formator	Cofaru Nicolae, Breaz Radu, Racz Gabriel, Biriș Cristina, Brandasu Paul Dan, etc
14.	2017	Tehnologii de Fabricare Inteligente pentru	5.287.500,00/	Responsabil	Racz Gabriel,

		Productia Avansata a Pieselor din Industriile de Automobile si Aeronautica, Proiecte Complexe realizate in consorții CDI, nr. 82PCCDI/2018 Director : Racz Gabriel 3.994.050 lei	2018-2020	partener	Bologa Octavian, Breaz Radu, Racz Gabriel, Oleksik Valentin, Gîrjob Claudia, Biriș Cristina, Tera Melania,
15	2018	Dynamic – Towards responsive engineering curricula through Europeanisation of dual higher education Universitatea “Lucian Blaga” din Sibiu, Key Action 2: Knowledge Alliances, 588378-EPP-1-2017-1-DE-EPPKA2-KA	2018-2020	membru	Racz Gabriel, Bologa, Radu Breaz, Oleksik Valentin, Gîrjob Claudia, Biriș Cristina, Tera Melania, Chicea Anca, Claudiu Kifor
16.	2021	FDI D6 „Transfer de know-how pentru cercetare de excelență la ULBS” Contract nr. CNFISC- FDI-2021-0030	372.000 /2021	membru	Vlase Ionela, Ință Claudia, Boanta Alexandra, Flucșă Daneiel, Ropotin Roxana, Dobrota Dan, Acu Anamaria
17.	2021	Dezvoltarea de tehnologii noi și emergente în contextul stimulării cercetării de excelență în ULBS (TEHNE) Contract nr. 28PFE/30.12.2021 Director : Sorin Radu	6.634.000/ 2021-2024	membru	Racz Gabriel, Radu Breaz, Oleksik Valentin, Gîrjob Claudia, Dobrotă Dan, Vințan Maria, Biriș Cristina, Crenganiș Mihai
18.	2023	FDI D6 “Dezvoltarea centrelor de cercetare din cadrul Universitatii "Lucian Blaga" din Sibiu printr-o exploatare mai eficientă a infrastructurii de cercetare » CNFIS-FDI-2023-F-0163	200.000/ 2023	membru	Radu Breaz, Gîrjob Claudia, Biriș Cristina, Chicea Anca, Crenganiș Mihai
19.	2023	Proiect de cercetare - Grant de excelență Hasso Plattner - „Îmbunătățirea performanțelor sistemelor tehnologice bazate pe roboți industriali utilizate în procesele de fabricație extractive și aditive.” LBUS-HPI-ERG-2023-02	737.996 / 2023-2024	membru	Radu Breaz, Oleksik Valentin, Dobrotă Dan, Gîrjob Claudia, Biriș Cristina, Chicea Anca, Crenganiș Mihai etc.
20.	2025	FDI D1 - Educație pentru toți, echitate și incluziune în învățământul superior la Universitatea “Lucian Blaga” din Sibiu CNFIS-FDI-2025-F-0341	360.000/2025	director	Radu Breaz, Gîrjob Claudia, Biriș Cristina, Chicea Anca, Crenganiș Mihai Etc.

Brevete

Sistem modular flexibil de fixare a semifabricatelor pentru procedeul de deformare incrementală / 28.02.2022 /Autori: RACZ Sever-Gabriel, BREAZ Radu-Eugen, OLEKSIK Valentin Ștefan, PASCU Adrian Marius, POPP Ilie Octavian, GÎRJOB Claudia Emilia, TERA Melania, CHICEA Anca Lucia, BIRIȘ Cristina Maria, CRENGANIȘ Mihai.