



**Universitatea
Transilvania
din Braşov**
FACULTATEA DE ŞTIINŢA
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Proiecte de cercetare naționale câștigate prin competiție

Nr. crt.	Tip proiect	Contract nr.	Titlu proiect	Director / Coordonator UTBv	Perioadă	Valoare totală Lei	Valoare UTBv Lei
1	PN-II-RU- TE	349/2015	POLYOLEFINS AND CALCITE WASTES RECYCLING BY OBTAINING NEW COMPOSITE MATERIALS	CROITORU CĂTĂLIN	2015-2017	549,999.00	549,999.00
2	PNII- Partnership	188/02.07.201 2	PERFORMANT MATERIALS AND TECHNOLOGIES DESIGNED FOR ACHIEVING ASPHALT MILLING TOOLS - MATFREZ	IOVĂNAS DANIELA	2012 - 2015	2,410,000.00	350,000.00
3	PNII- Partnership	72-203/2008	INNOVATIVE SOLUTIONS BY SELF-MAKING OF THE MODELS FOR CASTING PARTS OF SMALL AND UNIQUE SERIES - AUTOFORMODEL	IOVĂNAS RADU	2008-2011	725,401.00	60,000.00
4	PNII- Partnership	72-216/2008	HARDFACING TECHNOLOGY BY LASER - MIG HYBRID WELDING WITH POWDERS- LASERDEP	IOVĂNAȘ DANIELA	2008-2010	947,301.00	60,000.00
5	PNII- Partnership	71-039/2007	INNOVATIVE TECHNOLOGIES FOR PRODUCING MODULATED ELEMENTS FOR PLASTIC DEFORMATION TOOLS MANUFACTURING - ELMOD	IOVĂNAȘ RADU	2007-2010	1,095,326.00	360,010.00





6	PNII- Partnership	066/2007	MULTI-LAYER ELECTRODES FOR ELECTRICAL RESISTANCE SPOT AND ROLL WELDING – ELSUD	IOVĂNAȘ RADU	2007-2009	1,002,572.00	180,000.00
7	PNII- Partnership	57/2007	DEVELOPMENT OF COMPOSITE ELECTRODES FOR HARD-FACING AND SPOT WELDING – PULVER	IOVĂNAȘ RADU	2007-2009	1,750,000.00	140,042.00

Proiecte de cercetare internațională câștigate prin competiție

Nr. crt.	Tip proiect	Contract nr.	Titlu proiect	Director / Coordonator UTBv	Perioadă	Valoare totală Euro	Valoare UTBv Euro
1	EU-DG RTD Solar Facilities for the European Research Area (SFERA 2)	312643 FP7- INFRASTRUCTURES	IMPROVEMENT OF MDF CEMENTS PROPERTIES THROUGH METALLIC OXIDE COATING USING SOLAR ENERGY	BALTES LIANA SANDA	2016	10,000	10,000
2	EU-DG RTD Solar Facilities for the European Research Area (SFERA 2)	312643 FP7- INFRASTRUCTURES	VACUUM BRAZING OF STAINLESS STEELS AND COPPER USING THE SOLAR RADIATION AS ENERGY SOURCE	LUCA MIHAI ALEXANDRU	2016	5,410	5,410
3	EU-DG RTD Solar Facilities for the European Research Area (SFERA 2)	312643 FP7- INFRASTRUCTURES	SYNTHESIS OF CARBON NANOTUBES USING SOLAR RADIATION AND Al ₂ O ₃ -Mn/Cu ₂ O CATALYST	PASCU ALEXANDRU	2016	7,300	7,300



4	EU-DG RTD Solar Facilities for the European Research Area (SFERA 2)	312643 FP7-INFRASTRUCTURES	Al ₂ O ₃ /TiO ₂ CLADDING IN PRE-PLACED POWDER GEOMETRY USING CONCENTRATED SOLAR RADIATION	PASCU ALEXANDRU	2017	10,281	10,281
5	EU-DG RTD Solar Facilities for the European Research Area (SFERA 2)	312643 FP7-INFRASTRUCTURES	CORROSION IMPROVEMENT OF FeCrAl ALLOYS DESIGNED FOR MOLTEN SALT REACTORS	PASCU ALEXANDRU	2017	8,000	8,000
6	EU-DG RTD Solar Facilities for the European Research Area (SFERA 2)	312643 FP7-INFRASTRUCTURES	CORROSION AND WEAR BEHAVIOR OF NiCrBSi COATINGS FABRICATED BY LASER CLADDING	STANCIU ELENA MANUELA	2016	10,000	10,000
7	EU-DG RTD Solar Facilities for the European Research Area (SFERA 2)	312643 FP7-INFRASTRUCTURES	RESEARCHES REGARDING THE INFLUENCE OF THE HEAT TREATMENTS WITH SOLAR ENERGY ON THE ALLOY STEELS PROPERTIES	CATANA DORIN	2015	6,233	6,233
8	European Research Infrastructure FP7-INFRASTRUCTURES-2011-1		HYDROGEN STORAGE PERFORMANCE OF IONIC LIQUID-IMPREGNATED AEROGELS	CROITORU CATALIN	2015	8,000	8,000



9	EU-DG RTD Solar Facilities for the European Research Area (SFERA)	312643 FP7-INFRASTRUCTURES	RESIDUAL STRESS RELIEVE OF Ni BASED COATINGS FABRICATED BY LASER CLADDING	PASCU ALEXANDRU	2015	11,000	11,000
10	EU-DG RTD Solar Facilities for the European Research Area (SFERA 2)	228296 FP7-INFRASTRUCTURES	MECHANICAL PROPERTIES IMPROVEMENT OF CU10AL LASER CLADDED ON ALUMINUM	ROATA IONUT CLAUDIU	2014	13,800	13,800
11	EU-DG RTD Solar Facilities for the European Research Area (SFERA 2)	228296 FP7-INFRASTRUCTURES	IMPROVEMENT OF ELECTRIC CONTACTS CORROSION RESISTANCE	ROATA IONUT CLAUDIU	2014	13,700	13,700
12	EU-DG RTD Solar Facilities for the European Research	228296 FP7-INFRASTRUCTURES	IMPROVEMENT OF CORROSION AND THERMAL RESISTANCE BY THERMAL CLADDING OF NI-BASED COATING ON COPPER	ROATA IONUT CLAUDIU	2013	8,000	8,000
13	FP7 PROGRAM, TOPIC: ENV-2007-3.1.3-02: NEW TECHNOLOGIES FOR WASTE SORTING	-	MAGNETIC SORTING AND ULTRASOUND SENSOR TECHNOLOGIES FOR PRODUCTION OF HIGH PURITY SECONDARY POLYOLEFINS FROM WASTE	TIEREAN MIRCEA HORIA	2008-2013	3,850.604	139,40



Proiecte de cercetare naționale realizate cu mediul socio-economic

Nr. crt.	Contract nr.	Titlu proiect	Director / Coordonator UTBv	Perioadă	Beneficiar	Valoare Lei
1	11405 /21.09.2017	DETERMINATION OF CHEMICAL COMPOSITION AND MECHANICAL BEHAVIOR OF THE STEEL USED FOR THE CONSTRUCTION OF HUTCHINSON SRL BRASOV FACILITY	ROATA IONUT CLAUDIU	2017	S.C. Cereng Consult S.R.L. Brașov	2,000
2	8330/16.07.2014	DETERMINATION OF THE OPTIMAL WELDING PROCEDURE FOR THE AUSTENITIC STEEL CREUSABRO 12%M	IOVANAS DANIELA	2014	ArcelorMittal Tubular Products Galati SRL	15,000
3	17223/28. 11.2013	RESEARCH REGARDING THE BASE MATERIALS USED/DESIGNED FOR THE ECO-MOUNTAIN SHELTER	BALTES LIANA	2013-2014	Red Dome Shelter SRL Miercurea Ciuc	42,315
4	12212/11. 09.2013	DETERMINING OF THE PHYSICOCHEMICAL COMPOSITION AND THE MECHANICAL BEHAVIOR OF THE ROLLING TRACK BEAMS STEEL LOCATED INSIDE THE LAFARGE CIMENT ROMANIA SA FACTORY	BALTES LIANA	2013	SC Cereng Consult SRL Brasov	3,000
5	1778 / 06.03.2012	DETERMINING THE PHYSICOCHEMICAL INTEGRITY OF THE BEAMS SUPPORTING THE CYCLONES INSIDE THE LAFARGE CIMENT ROMANIA SA FACTORY	OLAH ARTHUR	2012	SC Cereng Consult SRL Brasov	6,200



6	19528/13. 12.2010	CALCULATION OF SPECIFIC COSTS AT WIG/MIG WELDING PROCEDURES IN CASE OF ALUMINUM JOINING	IOVANAS RADU	2010	SC Mecanosud SRL	4,200
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Proiecte de cercetare internațională realizate cu mediul socio-economic

Nr. crt.	Contract nr.	Titlu proiect	Director / Coordonator UTBv	Perioadă	Beneficiar	Valoare Euro
1	8407/21.07.2015	STUDIES CONCERNING THE REAL TIME MONITORING OF LASER WELDING/CUTTING PROCESS	TIEREAN MIRCEA HORIA	2015-2018	Delft Enterprises B.V	130000
2	4452/17.04.2015	NEW METHODS FOR CUTTING METALLIC WASTE	BALTES LIANA	2015	Technische Universiteit Delft	5000