



Odeillo, November 16th 2015



To whom it may concern

LABORATOIRE
PROCÉDÉS, MATÉRIAUX
et ENERGIE SOLAIRE
UPR 8521 du CNRS.
conventionnée avec
l'université de Perpignan
PROCESSES, MATERIALS
and SOLAR ENERGY
LABORATORY

I hereby certify that **Alexandru PASCU, Elena Manuela STANCIU and Ionut Claudi ROATA** were welcomed to work at PROMES-CNRS laboratory located in Odeillo (FRANCE), for the framework of the Access SFERA II European project (Grant Agreement N° 312643) funded under the FP7.



They stayed here during a two weeks stay (from 21th September to 2nd October)

Their research work was concerned the "**RSRBCFLC**" Project, (Residual stress relieve of Ni based coatings fabricated by laser cladding).

The estimated cost for this user-project was 10958.02€ of which 5262.5€ are for team travel and accommodation and 5688.52€ for two weeks of Transnational access to Promes-CNRS "Medium Size Solar Furnaces" (unit estimated costs per facility).

They were under the supervision of Laurent Gaubert, PROMES research engineer during his stay in our laboratory at Odeillo.

Site Félix Trombe d'Odeillo
PROMES-CNRS
7 rue du Four Solaire
66120 Odeillo-Font-Romeu, France
Tel. 33 (0) 468 307 700
Fax. 33 (0) 468 302 940

Yours sincerely



Site de Perpignan
PROMES-CNRS
Rambla de la Thermodynamique
Technosud 66100 Perpignan, France
Tel. 33 (0) 468 682 222
Fax. 33 (0) 468 682 213

Laurent Gaubert
Promes - CNRS
Research engineer



prénom.nom@promes.cnrs.fr
www.promes.cnrs.fr

P1502260114 SOLKITCER	Sintering under concentrated solar radiation of perovskite ceramics for electronic applications	Irina Apostol	Romania	S.C. IPEE AMIRAL TRADING IMPEX S.A.	HSF
P1503060136 CarbiSol-2	Anti-wear carbide-based coatings using concentrated solar energy-2	Pandora Psyllaki	Greece	Piraeus University of Applied Sciences	HSF
P1502250109 SoFTiC	Solar furnace: preparation of Ti-TiC composites by in situ sintering of Ti with graphite	Jaroslav Kovacik	Slovakia	Institute of Materials and Machine Mechanics SAS	VSF
P1502270116 FIBOSENS	Fiber optic sensor coatings for high temperature applications	Janusz Daniel Fidelus	Poland	Innovation Photonics Technology, InPhoTech Ltd.	VSF
CNRS_PROMES					
P1502250107 NanoCoat	Synthesis and investigation of oxide nanopowders and coatings obtained on solar facilities	Krisjanis Smits	Latvia	Institute of Solid State Physics, University of Latvia	MSSFSS
P1502010089 SMAPT	Structural and morphological modifications of alloys upon	Alenka Vesel	Slovenia	Jozef Stefan Institute	MSSFSS
P1502240103 SE-HTRLT	Using the solar energy to heat treatments of special alloys resistant to low temperatures	Ioan Milosan	Romania	Transilvania University of Brasov	MSSFSS
P1502260113 CLAMP	Clean environmentAlly Metallurgy Processes	José Ignacio Robla	Spain	CENIM	MSSFSS
P1502260115 NewMaNaHeat	New magnetic nanoparticle of enhanced performance for heating agents	Lluís Balcells	Spain	Intitut de Ciència de Materials de Barcelona ICMAB-CSIC	MSSFSS
P1502270118 10W TEM00 LASER	10W Continuous-Wave TEM00 Mode Solar Laser Emission in PROMES-CNRS	Dawei Liang	Portugal	Universidade Nova de Lisboa	MSSFSS
P1502270119 TERMOSHOCZY	Influence of structural transformations performed by thermal shock on thermal diffusivity alloy Zircaloy-4	Marioara Abrudeanu	Romania	University of Pitesti	MSSFSS
P1502270121 RSRBCFLC	Residual stress relieve of ni based coatings fabricated by laser cladding	Alexandru Pascu	Romania	Transilvania University of Brasov	MSSFSS
P1502280129 SOLTIFOAM	Solar-assisted sintering of Ti-foam coatings for biomedical applications	Gloria Rodriguez	Spain	University of Castilla-La Mancha	MSSFSS
P1503020131 Sol-MP	Two-phase flow phenomena in one-through direct steam generation for high temperature electrolysis	Sophia Haussener	Switzerland	Swiss Federal Institute of Technology in Lausanne	MSSFSS
P1503060137 MultiMagHybrids	Multifunctional Magnetoplasmonic Nanohybrids	Mavroeidis Angelakeris	Greece	Aristotle University	MSSFSS
P1502200099 CoUHTC	Coatings based on Ultra High Temperature Ceramics: emissivity and catalycity measurements	Davide Alfano	Italy	Italian Aerospace Research Centre	MWSF
P1502250106 SolarPorous	Prevention of particle agglomeration and deposition in solar processes by addition of fluidized porous filters	Nesrin Ozalp	Turkish	Katholieke Universiteit Leuven	MWSF
P1503060142 Helioloop	Measurement of Flux Distribution Changes due to the Movement of Single Heliostats for the Development of Novel Control Strategies	Gregor Bern	Germany	Fraunhofer Institute for Solar Energy Systems	THEMIS
PSI-STL					
P1502190096 EVOSOLCEL	The ageing time evolution of the solar cells in function of the concentrated light levels	Daniel Cotfas	Romania	Transilvania University of Brasov	HFSS
ENEA-SOLTERM					
P1503040135 CORRCLAD	Corrosion and wear behavior of NiCrBSi coatings fabricated by laser cladding	Elena Manuela Stanciu	Romania	Transilvania University of Brasov	MOSE

Campaign 2016

Campaign 2017



PROMES SFERA ACCESS CONTROL FORM

Title of the project: **RESIDUAL STRESS RELIEVE OF Ni BASED COATINGS FABRICATED BY LASER CLADDING**

Acronym: RSRBCFLC

Infrastructure used: MSSF

Group Leader: Alexandru Pascu

Home organization: Transilvania University of Brasov

Leader email: pascu.alex@yahoo.com

Alexandru Pascu as the group leader of the user-project RSRBCFLC certifies that the research staff included in the following table have been hosted by the SFERA II Transnational Access 2015 campaign within the working period specified.

Participant (Name, first name)	Organization	Working Stay period
Alexandru Pascu	Transilvania University of Brasov	From: 21/09/15 to: 02/10/15
Elena Manuela Stanciu	Transilvania University of Brasov	From: 21/09/15 to: 02/10/15
Ionut Claudius Roata	Transilvania University of Brasov	From: 21/09/15 to: 02/10/15
		From: to:
		From: to:
		From: to:

Please fill in the table for all the participants hosted by SFERA
(add lines if necessary using TAB in the last cell)

Comments, if any (Please do not exceed 1 page)

Date and group leader's signature:

02.10.2015

[Handwritten signature]

Laurent Lambert

