



Răzvan Marius Catană

Cetățenie: română

Gen: Masculin

CONTACT



EXPERIENȚA PROFESIONALĂ

2014 - ÎN CURS - Bucuresti, România

Cercetator Stiintific Gr III

Institutul National de Cercetare - Dezvoltare Turbomotoare
COMOTI

06/2011 - 06/2014 - Bucuresti, România

Cercetator Stiintific

Institutul National de Cercetare - Dezvoltare Turbomotoare
COMOTI

04/2010 - 06/2011 - Bacau, România

Inginer mentenanta motoare CFM56-3/5/7

Aerostar Bacau SA

08/2009 - 03/2010 - Bucuresti, România

Asistent Cercetator Stiintific

Institutul National de Cercetare - Dezvoltare Turbomotoare
COMOTI

06/2008 - 02/2009 - Bucuresti, România

Tehnician

Turbomecanica SA

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

2014 - 2019 - Splaiul Independenței Nr. 313, București ,
România

Doctor

Universitatea Politehnica Bucuresti

<https://upb.ro/>

2009 - 2011 - Splaiul Independenței Nr. 313, Bucuresti, România

Master

Universitatea Politehnica Bucuresti

<https://upb.ro/>

2004 - 2009 - Splaiul Independenței Nr. 313, Bucuresti, România

Inginer

Universitatea Politehnica Bucuresti

<https://upb.ro/>

COMPETENȚE LINGVISTICE

LIMBĂ(I) MATERNA(E): Romana

ALTĂ LIMBĂ (ALTE LIMBI):

Engleza

Compre-
hensiune
orală
B2

Citit
B2

Exprimare
scrisă
B2

Conversație
B2

Scris
B2

COMPETENȚE DIGITALE

Mathcad 15.0
Solidedge

CYRES V8

Microsoft Office (Word, Excel, Power Point)

PERMIS DE CONDUCERE

- Permis de conducere: A
- Permis de conducere: B

CURSURI

- **06/12/2021 – 10/12/2021**
CYRES Advanced Training
SAFRAN, CENCO INTERNATIONAL ,Techspace Aero, Route de Liers 121,
4041 Milmort, Belgium
- **25/10/2021 – 29/10/2021**
**Developing Data Acquisition Applications with NI
Hardware Using NI LabView and NI DAQmx**
- **25/11/2019 – 29/11/2019**
CYRES V8 advanced software programming
SAFRAN, CENCO INTERNATIONAL ,Techspace Aero, Route de Liers 121,
4041 Milmort, Belgium
- **09/10/2017 – 13/10/2017**
Introduction to Measurement Techniques
- **17/03/2013 – 25/03/2013**
**Certificate PART-147 Approved Aircraft Engine
Maintenance Training Organization**
CFM56-3,5,7 Engines Series Training Course / ATA 104 LEVEL 3
,CHAPTER ATA 70-80
CAPITAL AVIATION SERVICE LTD,Head Office,Unit 17 Dragon Court , St.
George Bristol, UK
- **25/02/2013 – 01/03/2013**
CYRES V8 software training
SAFRAN, CENCO INTERNATIONAL ,Techspace Aero, Route de Liers 121,
4041 Milmort, Belgium

PUBLIKAȚII

- **Performance Calculations of Gas Turbine Engine Components Based on Particular Instrumentation Methods**
2021 <https://doi.org/10.3390/app11104492>
Articol
- **Experimental Research of a Particular Free Power Turbine Application**
2021 <https://doi.org/10.17559/TV-20200408110156>
Articol
- **Developing Starting Programmes of Gas Turbine Engines Into a Test Bench**
2019 https://www.researchgate.net/publication/340539125_DEVELOPING_STARTING_PROGRAMMES_OF_GAS_TURBINE_ENGINES_INTO_A_TEST_BENCH
Articol
- **Jet CAT P80 Thermal Analyses and Performance Assessment Using Different Fuels Types**
2018 https://www.researchgate.net/publication/326015486_Jet_CAT_P80_Thermal_Analyses_and_Performance_Assessment_Using_Different_Fuels_Types
Articol
- **Gas Turbine Engine Starting Applied on TV2-117 Turboshaft**
2017 https://www.researchgate.net/publication/320865816_Gas_Turbine_Engine_Starting_Applied_on_TV2-117_Turboshaft
Articol
- **Global Study of the Performance of a Propeller with a Variable Pitch and a Variable Diameter**
2016 www.scientific.net/AMM.841.298
Articol
- **Study of air excess in relation with engine parameters for a generalized reaction based on Jet-A fuel**
2015 www.scientific.net/AMM.772.395
Articol
- **Detailed gas dynamic study of performances for two types turboprop configurations**
2015 https://www.researchgate.net/publication/311661589_Detailed_Gas_Dynamic_Study_of_Performances_for_Two_Types_Turboprop_Configurations
Articol
- **A Global Study of the Performances of a New Turboprop Configuration**
2014 <http://www.scientific.net/AMM.555.78>
Articol

BREVETE

2021

STAND MOBIL DE TESTARE ROTORI DE VENTILATOR CONTRAROTATIVI

Cerere Brevet

https://osim.ro/wp-content/uploads/Publicatii-OSIM/BOPI-Inventii/2021/bopi_inv_07_2021.pdf

2021

STAND MOBIL DE TESTARE A VENTILATOARELOR PENTRU MOTOARE TURBOFAN

Brevet

http://pub.osim.ro/publication-server/pdf-document?PN=RO133517&RO_133517&iDocId=12198&iepatch=.pdf

2018

MOTOR TURBOFAN CU FLUX PRIMAR INVERSAT

Brevet

http://pub.osim.ro/publication-server/pdf-document?PN=RO130120&RO_130120&iDocId=10594&iepatch=.pdf

2017

ROTOR VENTILATOR PENTRU MOTOARE TURBOFAN

Brevet

http://pub.osim.ro/publication-server/pdf-document?PN=RO127764&RO_127764&iDocId=9263&iepatch=.pdf