


## CURRICULUM VITAE

	<b>Surname:</b>	CIUPERCA
	<b>Name:</b>	Constantin-Laurian
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	<b>E-mail:</b>	<a href="mailto:ciupercaconstantin@yahoo.com">ciupercaconstantin@yahoo.com</a>
	<b>Date and place of birth:</b>	09.11.1974, Piatra-Neamt, Romania
<b>EDUCATION:</b>	<p><b>PhD in Petrophysics, <i>ongoing</i></b>, University of Bucharest, Faculty of Geology and Geophysics, Bucharest, Romania</p> <p><b>Master of Science in Applied Geophysics, June 2012</b>, University of Bucharest, Faculty of Geology and Geophysics, Bucharest, Romania</p> <p><b>Master of Science in Geology (Evaluation of Sedimentary Basins), June 2008</b>, University of Bucharest, Faculty of Geology and Geophysics, Bucharest, Romania</p> <p><b>Bachelor of Science in Geology, June 1998</b>, "Al. I. Cuza" University, Faculty of Geography-Geology, Iasi, Romania (Graduated Magna cum Laudae)</p>	
<b>RESEARCH ACTIVITIES:</b>	<p><i>Improved Detection of Wellbore Stability Parameters, article published in E&amp;P Magazine, July 2019</i></p> <p><i>Integrated LWD Methods Identify Borehole Breakouts in Hostile Environments, presentation at XIX International Multidisciplinary Scientific GeoConference SGEM - 28 June -7th July 2019, Albena, Bulgaria</i></p> <p><i>Characterization of Geological Discontinuities using Well Logging Data, presentation at 5<sup>th</sup> International Conference on Applied Geophysics- 27-28 June 2019, Ostrava, The Czech Republic</i></p> <p><i>The Influence of Lag Time Between Drilling and Logging on LWD Borehole Images Quality: With Focus on Natural Fracture and In-Situ Tectonic Stress Elements Identification, presentation at London Petrophysical Society – Image Logs and Fractured Reservoirs, One Day Seminar- 20<sup>th</sup> June, London</i></p> <p><i>Well Log-based Determination and Validation of the Sandstone/Shale Boundary for Reservoirs Containing</i></p>	

	<p><i>Radioactive Accessory Minerals</i>, <b>presentation at 14<sup>th</sup> Offshore Mediterranean Conference and Exhibition</b>, 27-28 March 2019, Ravenna, Italy</p> <p><i>Determining Wellbore Stability Parameters Using a New LWD High Resolution Ultrasonic Imaging Tool</i>, <b>presentation at SPE/IADC Drilling Conference and Exhibition</b>, 5-7 March 2018, The Hague, The Netherlands</p> <p><i>Development and Testing of an LWD Ultrasonic Microimaging Tool: Field Test Results from the Middle East and Europe</i>, <b>presentation at Abu Dhabi International Petroleum Exhibition and Conference (ADIPEC)</b>, 12-15 November 2018, Abu Dhabi, UAE</p> <p><i>Structural characterization of the metamorphic basement from North Dobrogea Promontory (Romania) using geophysical well logs</i>, <b>presentation at 4<sup>th</sup> International Conference on Applied Geophysics</b>, 28-29 June 2018 Cracow, Poland</p> <p><i>Identification of Open Natural fractures Using Conventional Wireline Logs, Borehole Imaging and Stoneley Waves</i>, <b>presentation at 9<sup>th</sup> Congress of the Balkan Geophysical Society (EAGE)</b>, November 7, 2017, Belek, Turkey</p> <p><i>Influence of Tectonic Stress Regime on Fracture Porosity of Tight Carbonate Reservoirs</i>, <b>presentation at 100<sup>th</sup> AAPG Annual Convention&amp;Exhibition</b>, 2-5 April 2017, Houston, Texas</p> <p><i>Improved Formation Evaluation Through Principal Component Analysis</i>, <b>presentation at 78th EAGE Conference &amp; Exhibition 2016</b>, 30 May - 2 June 2016, Vienna, Austria</p> <p><i>Drilling technology influence on boreholes quality with geophysical measurements implications</i>, <b>presentation at 8<sup>th</sup> Congress of the Balkan Geophysical Society (EAGE)</b>, October 7, 2015, Chania, Greece</p> <p><i>Unusual overpressured formation revealed by integrated analysis of LWD, Drilling, Mud Logging and Wireline data</i>, <b>presentation at EAGE Conference 2015</b>, June 04, Madrid, Spain</p> <p><i>The applications of LWD borehole imaging in formation evaluation and correlation</i>, article published in <b>Monitorul de Petrol si Gaze</b>, May, 2015, Bucharest</p> <p><i>Applying Gamma Ray and Azimuthal Density LWD Images in Well-to-Well Correlation and Homogeneous Reservoir Characterization</i>, <b>presentation at DEVEX Conference</b></p>
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	<p><b>2014, May 07, Aberdeen, UK</b></p>
<p><b>WORK EXPERIENCE:</b></p>	<p><b>Formation Evaluation Engineer / Petrophysicist, June 2012 - to date</b>  <b>WEATHERFORD, Interpretation and Evaluation Service, (Weatherford Centre, Souterhed Road, Altens, Aberdeen, United Kingdom, AB12 3LF)</b></p> <ul style="list-style-type: none"> <li>• High resolution wireline borehole image processing, analysis and interpretation</li> <li>• LWD Real Time and Memory Image processing and interpretation: Gamma Ray, Spectral Gamma Ray, Density, Resistivity and Acoustic Images</li> <li>• CT Scan core image interpretation</li> <li>• Geosteering</li> <li>• Geomechanical studies</li> <li>• Mechanical earth modelling</li> <li>• Petrophysical interpretation in clastic and carbonate reservoirs</li> <li>• Shale gas petrophysical interpretation</li> <li>• Providing Formation Evaluation consultancy to company and client staff</li> <li>• Integrating open-hole petrophysical interpretation with image analysis, mud logging results, core image and other open hole data</li> <li>• Developing technical papers and presentations</li> <li>• Developing strong professional relationships with current and potential clients</li> </ul> <p><i>I have working experience with different types of borehole images, LWD, Wireline and CT Scan, belonging to major service company.</i></p> <p><i>I have been involved in various petrophysical, geological and geomechanics projects in different regions and countries of the world: North-Sea, Black-Sea, Punjab, Turkey, Austria, Poland, Italy, Ukraine, Kazakhstan, New Zealand, Romania and Bulgaria, related to both conventional (shaly-sand, carbonates) and unconventional reservoirs (shale gas, tight gas and coal bed methane) for clients as PETROM, ROMGAZ, OMV, STATOIL, LUKOIL, CENTRICA, AMROMCO, PETROSANTANDER, ENI, FORAOIL, PERENKO, PETROFAC, OGDCL PAKISTAN, PGNIG, GEO ALLIANCE, ZHAIKMUNAI.</i></p> <p><b>Geologist, February 2008 – June 2012</b>  <b>DAFLOG COMPANY LTD, Geological Services</b></p>

	<p><b>Company</b> (Garii 17 Street, Medias, Sibiu, Romania, 551010)</p> <ul style="list-style-type: none"> <li>• Evaluating offset data before the start of drilling</li> <li>• Analyzing, evaluating and describing formations during drilling operations using cuttings, gas, FEMWD and wireline data</li> <li>• Correlating formations drilled with other nearby wells</li> <li>• Identifying formation boundaries, casing, coring and sidewall points</li> <li>• Analyzing, evaluating and interpreting gas data and ratio calculations</li> <li>• Advising the drilling personnel on formation pore pressure, bit optimization, drilling hazards and any significant lithology change, or other geological parameter, which might affect the safe and efficient drilling of the well</li> <li>• Realizing wireline "quick look" interpretation</li> <li>• Producing final well and completion logs</li> </ul> <p><b>Photogrammetrist, February 2003 – February 2008</b>  <b>IGC EUROTOPO SRL, Engineering Services</b> (Calea Victoriei, nr. 24, Bucharest, Romania, 030027)</p> <ul style="list-style-type: none"> <li>• Analyzing and interpreting geographic information provided by geodetic surveys, aerial photographs and satellite data</li> <li>• Producing digital orthophotos</li> </ul> <p><b>Petroleum Products Surveyor, October 1999 – February 2003</b>  <b>BLACK SEA CONTROL AND CONSULTING SRL, Oil &amp; Petrochemicals Sector</b> (Marc Aureliu, nr. 21, Constanta, Romania)</p> <ul style="list-style-type: none"> <li>• Inspection, sampling and testing crude oil and petroleum products</li> </ul>
<p><b>PROFESSIONAL TRAINING:</b></p>	<p><b>Petrophysics and Geomechanics:</b></p> <ol style="list-style-type: none"> <li>1. <b>Well Placement 2 Course</b>, 2-5 February 2020, Abu Dhabi, UAE</li> <li>2. <b>Geomechanics Wellbore Stability 2 Course</b>, 13-17 October 2019, Abu Dhabi, UAE</li> <li>3. <b>Well Placement 1 Course</b>, 10-15 June 2019, Houston, Texas</li> <li>4. <b>FracAdvisor Course</b>, 18-22 March 2019, Houston, Texas</li> <li>5. <b>Geomechanics Wellbore Stability 1 Course</b>, 4-8 November 2018, Abu Dhabi, UAE</li> <li>6. <b>Reservoir Geomechanics Online Course – Stanford University</b>, 1 April-13 June 2015</li> </ol>

	<p><b>7. Advanced Pore Pressure Course</b>, 19-23 January 2015, Ploiesti, Romania</p> <p><b>8. Real Time Geomechanics Workshop</b>, 19-30 October 2014, Houston, Texas</p> <p><b>9. Acoustic Processing and Interpretation Course</b>, 19-30 May 2014, Fort Worth, Texas, USA</p> <p><b>10. Shale Reservoir Petrophysics Course</b>, 25-28 March 2014, Bucharest, Romania</p> <p><b>11. LWD Formation Evaluation Course</b>, 11-13 March 2014, Bucharest, Romania</p> <p><b>12. Techlog Course</b>, 11 February-22 November 2013, Fort Worth, Texas, USA</p> <p><b>13. Subsurface Evaluation Applications – Petrophysics Course</b>, 18 February-01 March 2013, Fort Worth, Texas, USA</p> <p><b>14. Subsurface Evaluation Applications – Advanced Borehole Imaging Course</b>, 04-15 February 2013, Fort Worth, Texas, USA</p> <p><b>15. LWD Imaging for Wireline Borehole Analyst Course</b>, 7-9 January 2013, Aberdeen, UK</p> <p><b>16. Subsurface Evaluation Applications – Basic Borehole Imaging Course</b>, 10-21 September 2012, Fort Worth, Texas, USA</p> <p><b>Geology:</b></p> <p><b>1. Wellsite Geology – Procedures and Responsibilities Course</b>, 1 May-30 June 2010, Medias, Romania</p> <p><b>2. Lithology Identification from Logs Course</b>, 1-25 November 2009, Medias, Romania</p> <p><b>3. Formation Pressure Evaluation Course</b>, 1-25 March 2009, Medias, Romania</p> <p><b>4. Drilling Fluids Course</b>, 1-30 November 2008, Medias, Romania</p> <p><b>Photogrammetry:</b></p> <p><b>Industrial Production of Digital Orthophotos Course</b>, 24 March-19 April 2003, Institut Geographique National Espace, Toulouse, France</p> <p><b>Others:</b></p> <p><b>1. Influential Presentations</b>, 23-24 April, 2014, Ploiesti, Romania</p> <p><b>2. H2S API Training</b>, 16-17 November, 2015, Ploiesti, Romania</p> <p><b>3. Sales Fundamentals</b>, 24-26 February, 2016, Ploiesti Romania</p>
<p><b>OTHER ACTIVITIES:</b></p>	<p><b>Participate in IDOR seismic project – Deformation and Magmatic Modification of a Steep Continental Margin</b>, Western Idaho – Eastern Oregon, USA, 7-19 August 2012</p>

Constantin-Laurian CIUPERCA

	<b>Participate in GPS Campaign – Geodynamics of the Carpathian Seismogenic Zone, Romania, 8-20 August 2011</b>	
<b>COMPUTER SKILLS:</b>	Techlog, Petrolog, Well Imager, Well Manager, Hot Well, Kingdom, RockWorks, GEODraft, GEOLogger, Surfer, Neuralog, GetData Graph Digitizer, Photoshop, Arcgis.	
<b>LANGUAGES:</b>	<b>Romanian:</b>	Native
	<b>English:</b>	Good
	<b>French:</b>	Intermediate
<b>ADDITIONAL INFORMATION:</b>	<b>Nationality:</b>	Romanian
	<b>Military service:</b>	Satisfied
	<b>Marital status:</b>	Married, four children
	<b>Driving license:</b>	Category B
<b>AFFILIATIONS:</b>	SPE, EAGE	
<b>INTERESTS/ HOBBIES:</b>	Earth Sciences, Photography, Chess, Table tennis, Football, Basketball	