**Catalin Teodoriu**

**Professor**

**University of Oklahoma**

**Norman, OK**

[**cteodoriu@ou.edu**](mailto:cteodoriu@ou.edu)

**Education**

|  |  |  |  |
| --- | --- | --- | --- |
| MS | Mechanical  Engineering | Oil-Gas University, Ploiesti,  Romania | 1996 |
| MOTH | Equipment for  Offshore  Production | Oil-Gas University, Ploiesti,  Romania | 1997 |
| PHd | Engineering and  geoscience | Technical University of Clausthal, Clausthal-  Zellerfeld, Germany | 2003 |
| PHD | Mechanical Engineering | Oil-Gas University, Ploiesti,  Romania | 2005 |
| OTH | Drilling,  Completion and  Workover | Technical University of Clausthal, Clausthal-  Zellerfeld, Germany | 2011 |

**Appointments**

2021 - present Professor, The University of Oklahoma, Norman, OK, United States

2015 - 2021 Associate Professor, The University of Oklahoma, Norman, OK, United States

2012 - 2020 Associate Professor, Oil-Gas University, Ploiesti, Not Applicable, N/A, Romania

2009 - 2016 Adjunt Professor, Texas A&M University, College Station, Texas, United States

2009 - 2015 Head of Department, Technical University Clausthal, Clausthal-Zellerfeld, Not

Applicable, N/A, Germany

2006 - 2009 Assistant Professor, Texas A&M University, College Station, Texas, United States

2003 - 2006 Research Supervisor, Technical University Clausthal, Clausthal-Zellerfeld, Not

Applicable, N/A, Germany

2000 - 2003 Research Engineer, Technical University Clausthal, Clausthal-Zellerfeld, Not

Applicable, N/A, Germany

1998 - 2000 Guest Scientist, Technical University Clausthal, Clausthal-Zellerfeld, Not Applicable,

N/A, Germany

1996 - 1998 Mechanical Engineer, Institute for Research & Technology,, Campina, , Not

Applicable, N/A, Romania

**Products**

Products Most Closely Related to the Proposed Project

1. Ejike C, Obuobi I, Avinu S, Abid K, Teodoriu C. Investigation and Analysis of Influential

Parameters in Bottomhole Stick–Slip Calculation during Vertical Drilling Operations. Energies.

2024 January 27; 17(3):622-. Available from: https://www.mdpi.com/1996-1073/17/3/622 DOI:

10.3390/en17030622

2. Sharma A, Srivastava S, Teodoriu C. Experimental Design, Instrumentation, and Testing of a

Laboratory-Scale Test Rig for Torsional Vibrations—The Next Generation. Energies. 2020;

13(18):4750. issn: 1996-1073

3. Teodoriu C, Bello O. An outlook of drilling technologies and innovations: Present status and

future trends. Energies. 2021; 14(15):4499. issn: 1996-1073

4. Sharma A, Srivastava S, Teodoriu C, Stan M. Experimental Comparison of PID Based RPM

Control for Long Horizontal vs. Vertical Drillstring. [Preprint]. 2021 November 29. DOI:

10.20944/preprints202111.0536.v1

Other Significant Products, Whether or Not Related to the Proposed Project

1. Lambrescu I, Teodoriu C, Amani M. Experimental and Numerical Investigations of Cement

Bonding Properties. Materials. 2021; 14(23):7235. issn: 1996-1944

2. Abid K, Sharma A, Ahmed S, Srivastava S, Toledo Velazco A, Teodoriu C. A review on

geothermal energy and HPHT packers for geothermal applications. Energies. 2022;

15(19):7357. issn: 1996-1073

3. Lambrescu I, Teodoriu C. Experimental and Numerical Investigations of Cement Bonding

Properties at Elevated Temperatures—The Effect of Sample Cooling. Materials. 2022 July 16;

15(14):4955-. Available from: https://www.mdpi.com/1996-1944/15/14/4955 DOI:

10.3390/ma15144955