V I Z A T,

CONDUCĂTOR DOCTORAT,

Prof. univ. habil.dr. ing. Chiș Timur-Vasile

MEMORIU ȘTIINȚIFIC

I Date biografice

Nume: **AL-GBURI**

Prenume: **HASAN ALI MOSLEH**

Data naşterii: **07.03.1994**

Locul naşterii: **BAGDAD/ IRAK**

Naţionalitatea: **IRAKIAN**

Starea civilă:CASATORIT

Domiciliu: **Bulevardul Bucuresti, Nr. 17., Bl.9B, Sc.B., Ploiesti,**

Telefon: **0737242961**

II Studii medii

Liceul absolvit

III Studii universitare

Studii de licență- Universitatea de Petrol și Gaze Ploiesti,

Absolvent al programului de licență Ingineria de Petrol și Gaze

Perioada:

Studii de master- Universitatea de Petrol și Gaze Ploiesti,

Absolvent al programului de master Ingineria de Petrol și Gaze,

Perioada:

Studii Doctorale- Universitatea de Petrol și Gaze Ploiesti,

Domeniul doctoral Mine, Petrol și Gaze,

Perioada 2020-2025,

IV Activitatea ştiinţifică în timpul studiilor

Promovarea examenelor:

Etică și integritate academică,

Forajul sondelor,

Managementul proiectelor de foraj.

Susținerea referatelor:

Analiza acțiunii mediului marina supra structurii de foraj,

Riscul în exploatarea construcțiilor petroliere de tip offshore,

Modelarea numerica a functionarii prevenitoarelor de eruptie.

V Activitate profesională

Angajat al companiei REPEDE S.R.L. Ploiesti în domeniul testării prevenitoarelor de erupție.

Inginer mecanic specialist in domeniul testării prevenitoarelor de erupție.

VI Activitate didactică

VII Activitate profesională extradidactică

VIII Activitate ştiinţifică

A. ***Articole în extenso publicate în reviste indexate în baze de date***

1. Al Gburi Hassan Ali Mosleh, Aurelian Șișinea, Timur Chiș**,** *Analysis of uncontrolled flares in the oil and gas industry*, American Journal of Engineering Research (AJER), e-ISSN: 2320-0847 p-ISSN : 2320-0936, Volume-14, Issue-2, pp-122-132, www.ajer.org, https://www.ajer.org/volume14issu2.html, https://scholar.google.com/citations?hl=ro&user=qG0fgdgAAAAJ&view_op=list_works&sortby=pubdate

2. Al Gburi Hassan Ali Mosleh, Aurelian Șișinea, Timur Chiș, ***Modeling gas flow through blowout preventers*,** International Journal of Current Science Research and Review, ISSN: 2581-8341 , Volume 06 Issue 00 (Month) 2023, , Impact Factor: 5.825, IJCSRR @ 2023, https://ijcsrr.org/archives/?id=21541, https://doi.org/10.47191/ijcsrr/V8-i3-05, https://scholar.google.com/scholar?hl=ro&as_sdt=0%2C5&q=2.%09Al+Gburi+Hassan+Ali+Mosleh%2C

+Aurelian+%C8%98i%C8%99inea%2C+Timur+Chi%C8%99%2C+Modeling+gas+flow+through+blowout+preventers%2C+International+Journal+of+Current+Science+Research+and+Review&btnG=

3. **Mosleh, A.G.H.A.,** Iancu. D., Chiș, T. (2025), *Modeling the Effects of Accidents on Employees During Blowout Preventer Testing,* ESP-JETA ESP Journal of Engineering & Technology Advancements ISSN: 2583-2646 / Volume 5 Issue 1 January 2025 / Page No: 30-40 Paper Id: JETA-V5I1P104 / Doi: 10.56472/25832646/JETA-V5I1P104,

4. Iancu, D., Mosleh AG.A.H., Chis T., Tegledi, M., **Numerical modeling of the risks of oil platforms**,Romanian Journal of Petroleum & Gas Technology Vol. VI (LXXVII) • No. 2/2025, DOI: 10.51865/JPGT.2025.02.02, pp. 17-34,

IX Participare la conferinţe ştiinţifice

A. ***Articole în extenso publicate la Conferințe Naționale Studențești***

A.1. Drd. Daniel IANCU, Drd. Dzaiy Sulaiman, **Drd. AL-Gburi Hasan Ali Mosleh**, Coordonator: Prof.univ.habil.dr.ing. Timur CHIS, *Modelarea riscului a unei platforme de foraj din Marea Neagră (Risk assement of oil drilling platforms in Black Sea)* AL XX - lea SIMPOZION NAŢIONAL STUDENŢESC „GEOECOLOGIA" PETROŞANI, 12-13 mai 2023, http://www.upet.ro/geoeco/, ISSN 2559-2106 ISSN-L 1842-4430, pp.129-134,

B. ***Articole în extenso publicat la Conferințe internaționale indexate in baze de date internatiionale***

B.1. Chiș T., Antonov A., **Mosleh A.G.H.A**, Vlădescu Cr., Popescu C., *Modeling the risk of abnormal functioning of oil and gas well breakout preventers***,** Manufacturing Science and Education 2025 International Conferences ACTA TECHNICA NAPOCENSIS Series: Applied Mathematics, Mechanics, and Engineering, SESSION 8 - Occupational Safety Challenges in Industry 4.0 Context, pag.15, Programs, pg. 239-244, (Indexata in ISI Web of science), pp. 239-244,

B2. Timur Chis, **Al-Gburi Hasan Mosleh**, Daniel Iancu , *Analysis of uncontrolled blowouts from oil and gas drillin***g** , Abstract Book of 5th International Conference on Contemporary Academic Research ICCAR 2025, May 30-31.2025, ISBN 978-625-5900-54-8 https://as-proceeding.com/index.php/iccar/home, pg. 66, Articolul a apărut ca și capitol de carte în lucrarea Pioner and Academic Studies in Engineering, Editor Asst.Prof.Dr.Umut Ozkaya, All Science Academy Design, ISBN 978-5900-62-3, June 2025, pg. 69-83, https://scholar.google.com/citations?view_op=view_citation&hl=ro&user=qG0fgdgAAAAJ&sortby=pubdate&citation_for_view=qG0fgdgAAAAJ:V3AGJWp-ZtQC

B3. Timur Chis, Daniel Iancu, **Al-Gburi Hasan Mosleh**, *Risk assessment in the operation and safety of marine oil installations,* Abstract Book of 5th International Conference on Contemporary Academic Research ICCAR 2025, May 30-31.2025, ISBN 978-625-5900-54-8 https://as-proceeding.com/index.php/iccar/home, pg. 67, Articolul a apărut ca și capitol de carte în lucrarea Pioner and Academic Studies in Engineering, Editor Asst.Prof.Dr.Umut Ozkaya, All Science Academy Design, ISBN 978-5900-62-3, June 2025, pg. 84-84, https://scholar.google.com/citations?view_op=view_citation&hl=ro&user=qG0fgdgAAAAJ&sortby=pubdate&citation_for_view=qG0fgdgAAAAJ:1qzjygNMrQYC

B4. Daniel Iancu**, Al-Gburi Hasan Mosleh**, Timur-Vasile Chis, *A regression models of the gas drilling well eruption***,** Romanian Journal of Petroleum & Gas Technology VOL. VI (LXXVII), No. 1/2025*,* DOI: 10.51865/JPGT.2025.01.25, pg.373-384, articol prezentat la Conferința Renewable or Fossil Fuels Energy Challenge- Second Edition June 20, 2025*,* (Indexata în Google Scholar), https://www.semanticscholar.org/paper/A-REGRESSION-MODELS-OF-THE-GAS-DRILLING-WELL-Iancu-Mosleh/ec37a05756743a727fdffc310d5b8468b03c46bf

B5. Daniel Iancu, **Al-Gburi Hasan Ali Mosleh**, Doru Bârsan, Timur Chis, *Modeling the Effects of Accidents on Employees during Testing of Flare Preventers***,** 4 th INTERNATIONAL SCIENTIFIC RESEARCH CONGRESS, June 21-22, 2025 Istanbul, pg. 33, https://www.isracademy.org/, Congres Book, I.S.B.N. 978-625-95570-8-3, pg.159-165, https://scholar.google.com/citations?view_op=view_citation&hl=ro&user=qG0fgdgAAAAJ&sortby=pubdate&citation_for_view=qG0fgdgAAAAJ:kRWSkSYxWN8C

C. Articole în extenso acceptate și susținute la Conferințe internaționale indexate (cu program științific, carte de abstracte și publicare în reviste)

C1. AL-Gburi Hasan Ali MOSLEH, Daniel IANCU, Timur CHIS**,** *Numerical modeling of the oil rig explosion, ABSTRACT ID: EGC_512,* ***https://iaesp.org/egc/*****,** 3rd European GREEN Conference - EGC 2025, 10-13 June 2025, Vodice, CROATIA , Once published, EGC 2025 Proceeding will be submitted for evaluation and possible coverage in **Web of Science Core Collection™ Conference Proceedings Citation Index**.

C2. Daniel IANCU, **Al-Gburi Hasan Ali MOSLEH**, Timur CHIS, *Numerical modeling of the risk oil platforms* ABSTRACT ID: EGC_511, https://iaesp.org/egc/, 3rd European GREEN Conference - EGC 2025**,** 10-13 June 2025, Vodice, CROATIA, Once published, EGC 2025 Proceeding will be submitted for evaluation and possible coverage in **Web of Science Core Collection™ Conference Proceedings Citation Index**.

D. Articole în rezumat publicate in volumele unor conferințe cu ISBN

D1. Sulaiman Khasro Hamza Dzaiy, Daniel Iancu, **AL-Gburi Hasan Ali Mosleh**, *The current state of research on the dilation processes of productive reservoir rocks related to natural gas wells*, 75 Years of Energy and Performance in Education and Research 2023 Renewable Versus

Fossil Fuels. Global Energy Perspectives, Ploiesti 9.11.2023, Book of abstracts, Editura Universității Petrol-Gaze din Ploiești, 2023, ISBN 978-973-719-887-7,

D2. **A. G. H. A. Mosleh**, R. Rădulescu, *General Principles for the Analysis of Uncontrolled Eruptions***,** Artificial intelligence research – The new paradigm in mines, oil and gas abstract of EDUDOC, 2025 SYMPOSION, Editura Universității Petrol-Gaze din Ploiești, 2025, ISBN 978-973-719-925-6, indexata in https://www.academia.edu/129644210/Artificial_Intelligence_Research_The_New_Paradigm_in_Mines_Oil_and_Gas, și google scholar https://scholar.google.com/citations?view_op=view_citation&hl=en&user=qG0fgdgAAAAJ&sortby=pubdate&citation_for_view=qG0fgdgAAAAJ:08ZZubdj9fEC

D3. A G. H. A. Mosleh, R. Rădulescu, *Analysis of Eruptive Manifestations and Methods to Combat Them***,** Artificial intelligence research – The new paradigm in mines, oil and gas abstract of EDUDOC, 2025 SYMPOSION, Editura Universității Petrol-Gaze din Ploiești, 2025, ISBN 978-973-719-925-6, indexata in https://www.academia.edu/129644210/Artificial_Intelligence_Research_The_New_Paradigm_in_Mines_Oil_and_Gas, și google scholar https://scholar.google.com/citations?view_op=view_citation&hl=en&user=qG0fgdgAAAAJ&sortby=pubdate&citation_for_view=qG0fgdgAAAAJ:08ZZubdj9fEC

D4. Timur CHIS, Daniel IANCU, Al-Gburi Hasan Ali MOSLEH **Modelarea exploziilor offshore în executarea forajelor de gaze naturale-Offshore Explosion Modeling in Natural Gas Drilling,** Conferința internațională Zilele ASTR ENERGIA ȘI MATERIA ÎN INDUSTRIA MODERNĂ Ediția a XX-a 18 și 19 septembrie 2025 GALAȚI, Editura Galati University Press,

X Premii şi distincţii –

XI Limbi străine cunoscute

-Engleza

-Araba

DOCTORAND,

Data