

CV Template

Curriculum vitae and track record

PERSONAL INFORMATION*

- Ford, Eric Patrick
- Date of birth: *16.10.1980*
- Sex: Male
- Nationality: Norwegian

Researcher unique identifier(s) (ORCID, ResearcherID, etc.): N/A

URL for personal web site: N/A

KEY QUALIFICATIONS*

Risk management, Software development, Multiphase flow modelling, Environmental Risk Analysis.

EDUCATION*

<i>2006</i>	Master of Societal Security Faculty of Science and Technology, University of Stavanger, Norway
<i>2004</i>	Bachelor of Computer Science: Systems development Faculty of Information Technology and Electrical Engineering, NTNU, Norway

CURRENT AND PREVIOUS POSITIONS*

<i>2006-</i>	Senior Research Engineer NORCE Energy/Risk Management and Well Construction
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PROJECTS

<i>2019-</i>	P&A KPN Leakage Risk Norway-Brazil. Work package leader, Risk Acceptance Criteria. Risk modelling and software developer. Petromaks2 project.
<i>2018-</i>	P&A Innovation Program Work package leader, Leakage Risk. Risk modelling and software developer. Joint Industry Project. Clients: ConocoPhillips, Aker BP, ConocoPhillips, Shell, PSA Norway, Petrobras.
<i>2016-2019</i>	P&A Leakage Risk Project manager. Modelling and software developer. DrillWell project.
<i>2016-2020</i>	CoArc – A Transatlantic innovation arena for sustainable development in the Arctic. Project manager. Risk modelling. Arktis 2030 project. Clients: AkvaPlanNiva.
<i>2012-2019</i>	RiskVoyance Project manager. Risk modelling and software developer. Industry project, Equinor.
<i>2016-2018</i>	GeoWell Risk assessments for high-temperature geothermal wells. EU Horizon 2020 project.
<i>2015-2018</i>	REPP-CO2 Work package leader, risk assessment of CCS pilot project in the Czech Republic. Norway Grants project.
<i>2015-2018</i>	Blowout risk assessment for Barents Sea & Northern Regions Project manager. Multiphase flow modelling, risk analysis. Clients: Proactima, PTIL.
<i>2015</i>	Risk communication of invisible hazards

2014	Interviews, data collection, project development. Clients: RFF Vest, Fjell Kommune. RateAllocation
2011-2013	Software development. Industry project, GdFSuez Norge BlowFlow Phase II Project manager. Multiphase flow modelling. Software development. Industry project, Equinor.
2012-2013	SWORD: Cost risk analysis for IOR/EOR Work package leader. Modelling and software development.
2010-2012	Value of Information / VOI Software Tool Project manager. Risk analysis and software development. Industry project. Clients: Equinor, ConocoPhillips Norge.
2012	HAZID and mitigation plan of manual pipe handling on drilling decks. Project manager. Preparation, facilitation of HAZID, risk analysis. Industry project, KCA Deutag Norge.
2010	Reliability Study Snorre 2040 Project manager. Reliability analysis based on OREDA. Industry project, Equinor, 0.2 MNOK.
2009	Wind Reliability Data Collection Project manager. Data collection related to wind turbines. Industry project, Equinor, 0.15 MNOK.
2009	STOREDA Tyrihans Project manager. Data collection and registration in OREDA. Industry project, Equinor, 0.4 MNOK.
2006-2009	KickRisk Phase IV Project manager. Software developer. Joint Industry Project, 4 MNOK. Clients: Equinor, Eni Milano.
2006-2008	Risk€ Phase II Software developer, modelling. Client: Eni Milano.
2008	STOREDA Data Collection Project manager. Reliability analysis and subsea data collection. Industry project, Equinor.
2007	KickRisk Study on Tyrihans Risk analysis. Industry project, Equinor.
2007	BlowFlow Phase I Multiphase flow modelling, software developer. Joint Industry Project. Clients: Equinor, Eni Milano.
2007	STOREDA Data Collection. Reliability analysis and subsea data collection. Industry project, Equinor.

MAJOR COLLABORATIONS (if applicable)

Name of collaborators, Topic, Name of Faculty/Department/Centre, Name of University/Institution/Country

Track record

Total number of publications: 65

Selected publication list:

- Arild, Ø., Lohne, H.P., Skadsem, H.J., Ford, E.P., Selvik, J.T. (2019): *“Time-to-Failure Estimation of Barrier Systems in Permanently Plugged and Abandoned Wells”*. Presented at OMAE 2019, June 9-14, Glasgow, Scotland, UK. OMAE2019-96546.
- Beltrán-Jiménez, K., Lohne, H.P., Ford, E.P., Skadsem, H.J., Lourenco de Souza, M.I., Arild, Ø. (2019): *“Comparative Analysis of Permanent P&A Requirements and Consequences in Terms of Leakage – A Case Study”*. Presented at 2019 Offshore Technology Conference Brazil, Rio de Janeiro, Brazil, 29-31 October 2019. OTC-29814-MS.
- Ford, E.P., Moeinikia, F., Mansouri, M., Lohne, H.P., Arild, Ø. (2018): *“Consequence Quantification of Barrier System Failures in Permanently Plugged and Abandoned Wells”*. Presented at SPE One Day Seminar, April 18, 2018, Bergen, Norway. SPE-191298-MS
- Ford, E.P., Moeinikia, F., Lohne, H.P., Arild, Ø., Mansouri, M., Fjelde, K.K. (2018): *Leakage Calculator for Plugged-and-Abandoned Wells*, SPE Production & Operations (ISSN 1930-1863), Volume 33, Issue 02.
- Selvik, J.T., Ford, E.P. (2017): *Down Time Terms and Information Used for Assessment of Equipment Reliability and Maintenance Performance*, Chapter 3 in *“System Reliability”*, Published by InTech, ISBN 978-953-51-3706-1.
- Hladik, V., Berenblyum, R., Pereszlenyi, M., Krejci, O., Francu, J., Riis, F., Ford, E.P., Kollbotn, L., Khrulenko, A. (2017): *LBr-1 – research CO2 storage pilot in the Czech Republic*, Energy Procedia 114 (2017) 5742-5747.
- Arild, Ø., Ford, E.P., Lohne, H.P., Mansouri, M., Havlova, V. (2017): *A comparison of FEP-analysis and barrier analysis for CO2 leakage risk assessment on an abandoned Czech oilfield*. Energy Procedia, Vol. 114, July 2017, pp. 4237-4255.
- Arild, Ø., Lohne, H.P., Ford, E.P., Baringbing, J.W., Fjelde, K.K. (2015): *“A Probabilistic Approach for Pressure Control Evaluation in the Well Planning Phase”*. ISSN 0342-5622. Volum 41. s. 19-21.
- Karlsen, H.C., Ford, E.P. (2014): *“BlowFlow - Next Generation Software for Calculating Blowout Rates”*, Presented at SPE Bergen One Day Seminar, 2 april 2014. SPE 169226.
- Udegbum, J.E., Fjelde, K.K., Arild, Ø., Ford, E.P., Lohne, H.P. (2013): *“Uncertainty based Approach for Predicting the Operating Window in UBO Well Design”*. ISSN 1064-6671. Volum 28. Hefte 4. s. 326-337.
- Arild, Ø., Ford, E.P., Løberg, T., Baringbing, J.W. (2010): *“A Well-Specific Approach to the Quantification of Well Control”*. Journal of Petroleum Engineering, SPE-0110-0060-JPT
- Ford, E.P., Aven, T., Røed, W., Wiencke, H.S. (2008): *“An approach for evaluating and selecting methods for risk and vulnerability assessments”*, Journal of Risk and Reliability, 2008, Proc. IMeche Vol. 222 Part O, p315-326.