

## Curriculum Vitae

**Name:** Amare Leulseged  
**Languages:** Amharic, English, Norwegian

I am currently working as a senior researcher in the Drilling and Well Modelling group at the NORCE Norwegian Research Centre AS. I am holding a PhD degree from London South Bank University, and an MSc in from the University of Reading both in the UK. In Norce, I am working on modelling, and implementation of drilling processes, drilling methods, drilling automation and drilling mud properties.

### Education:

2000-2006	PhD in a probabilistic Schedulability and Analysis of Tasks in Real-Time Systems, at London South Bank University, UK
1998-1999	MSc in Information Systems Engineering at University of Reading, UK.
1995-1997	BSc in mathematics at Catholic University of Eastern Africa, Kenya
1988- 1991	BSc in Mechanical Engineering, Faculty of Technology, Addis Ababa University

### Work experience:

2007 – to date            Senior researcher, NORCE - Drilling and Well Modelling  
 2004 – 2006            Training Coordinator, ECCUK London UK  
 2003– 2004            ICT Tutor, 5E Limited, London  
 2000- 2006            Lecturer, London South Bank University, UK

## Publications:

Eric Cayeux, Amare Leulseged	<i>Effect of Solid Particle Concentration on Drilling Fluid Rheological Behaviour and its Impact on Pressure Losses</i> , SPE/IADC International Drilling Conference and Exhibition, 5-7 March 2019, The Hague, The Netherlands
Hans Joakim Skadsem, Amare Leulseged, Eric Cayeux	<i>Measurement of Drilling Fluid Rheology and Modelling of Thixotropic Behaviour</i> , Nordic Rheology Society conference, Trondheim, Norway, June 2018
Eric Cayeux, Amare Leulseged	<i>Modelling of Drilling fluid thixotropy</i> , OMAE 37 <sup>th</sup> International Conference on Ocean, Offshore and Arctic Engineering, Madrid, Spain June 2018
Amare Leulseged, Sima A. Nepa, Dan Sui, Suranga C.H. Geekiyanage	<i>Kick management study on Automated well control for managed pressure Drilling in long wells</i> , OMAE 37 <sup>th</sup> International Conference on Ocean, Offshore and Arctic Engineering, Madrid, Spain June 2018
Eric Cayeux, Amare Leulseged, Roald Kluge, Jarle Haga	<i>Use of transient cuttings transport model in planning, monitoring and post analysis of complex drilling operations in the North Sea</i> . Society of Petroleum Engineers, IADC/SPE Drilling Conference and Exhibition, 1-3 March 2016, Fort Worth, Texas, USA
A. Leulseged, B. Daireaux, J.E Gravdal	<i>Open drilling simulator for research, education and development of future drilling technology</i> . Oil and Gas European Magazine international Edition of ERDOL ERDGAS KOHLE, March 1/2016
E. Cayeux, B. Daireaux, E. W. Dvergsnes, A. Leulseged, B. T. Bruun, M. Herbert	<i>“Advanced Drilling Simulation Environment for Testing New Drilling Automation Techniques”</i> IADC/SPE Drilling Conference and Exhibition 2012, San Diego, California, USA, 6-8 March 2012
Amare Leulseged, Nimal Nissanke	<i>“Probabilistic Analysis of Multi-processor Scheduling of Tasks with Uncertain Parameters”</i> . Real-Time and Embedded Computing Systems and Applications: 9 <sup>th</sup> International Conference, RTCSA 2003, Tainan City, <i>Taiwan</i> , February 2003.
Nimal Nissanke, Amare Leulseged, Srinival Chillara.	<i>“A Framework for Probabilistic Analysis of Multiprocessor Scheduling Environments”</i> IEEE REAL-TIME EMBEDDED SYSTEMS WORKSHOP, DEC. 3, 2001, London, UK
Nimal Nissanke, Amare Leulseged, Srinival Chillara	<i>“Probabilistic performance analysis in multiprocessor scheduling”</i> , Computing & Control Engineering Journal, IEE, London, August, 2002 (Volume:13, Issue: 4 ).