

CURRICULUM VITAE

Jón Steinar Gudmundsson
December 31, 1947, Reykjavík



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Education

- Ph.D. chemical engineering, 1973-1977, University of Birmingham, Birmingham, England.
- B.Sc. chemical engineering, 1969-1973, Heriot-Watt University, Edinburgh, Scotland.

Employment

Norwegian University of Science and Technology, Department of Petroleum Engineering and Applied Geophysics, Trondheim, Norway.

- Professor Emeritus, 2015-present.
- Professor, 1991-2014.
- Associated Professor, 1989-1990.

Stanford University, Department of Petroleum Engineering, Stanford, California, USA.

- Acting Associate Professor, 1982-1985.
- Acting Assistant Professor, 1981-1982.
- Manager, Stanford Geothermal Program, 1981-1985.

Orkustofnun (National Energy Authority), Geothermal Division, Reykjavik, Iceland.

- Director, UNU Geothermal Training Programme, 1986-1989.
- Research Engineer, 1977-1981.

Current Associations

Society of Petroleum Engineers (SPE)

Member, 1981-present.

Distinguished Member, 2001-present.

Societas Scientiarum Islandica

Member, 1988-present.

Norwegian Society of Graduate Technical and Scientific Professionals
(TEKNA)

Member, 1990-present.

Norwegian Academy of Technological Sciences (NTVA)

Member, 2001-present.

Community Service

Trondheim City Council, Member, 2003-2010

NTNU Doctoral Students

Pressure Waves in Pipelines and Impulse Pumping – Physical Principles,
Model Development and Numerical Simulation

Benjamin Pierre (December 2009)

Pressure Loss in Natural Gas Pipelines – Experimental Studies of Gas-
Particle Flow, Wall Roughness and Drag Reduction

André Strupstad (May 2008)

Well Production Decline

Branimir Cvetkovic (December 2008)

Formation Rate of Natural Gas Hydrate – Reactor Experiments and Models

Marit Mork, July 2002

Thermophysical and Compositional Properties of Natural Gas Hydrate

Odd I. Levik, July 2000

High-Velocity Flow in Fractures

Trygve Kløv, January 2000

Flow Properties of Natural Gas Hydrate Slurries

Vibeke Andersson, December 1999

Friction Factor in Smooth and Rough Gas Pipelines

Elling Sletfjerding, December 1999

Pressure Pulse Propagation in Gas-Liquid Pipe Flow
Kristin Falk, September 1999

Storage Properties of Natural Gas Hydrates
Aftab A. Khokhar, October 1998

Pressure Drop in Perforated Pipes for Horizontal Wells
Ze Su, April 1996

High-Velocity Flow in Porous Media
Erik Skjetne, December 1995