

Instructor Bios

Amitabh Kumar



Mr. Kumar has over 10 years of experience in the offshore field and brings valuable technical experience in deepwater pipelines/flowlines/structures including detailed, front-end and feasibility design engineering, and research & development. Mr. Kumar has a strong computational and numerical background, and is experienced in pipelines/flowlines engineering in extreme environments, including areas of rough/steep seabeds; escarpments; faulting; and environmental hazards. Mr. Kumar has worked on pipelines in the arctic environment and has extensive experience in 2D/3D finite element analysis of pipelines and related structures.

Education:

- Master of Science Ocean Engineering, Texas A&M University, 2001
- Norwegian University of Science and Technology (NTNU), Trondheim, Norway 1999
- Bachelor of Engineering, Marine Engineering, Marine Engineering and Research Institute (MERI), India, 1997

Brian McShane

Mr. McShane has 18 years of experience in the engineering, construction and project management of subsea pipelines and field developments within the oil and gas industry. Currently, Brian is the Business Manager for INTEC's Marine Pipeline Systems department. Brian has a broad range of experience in pipeline and riser consultancy and design including arctic, deepwater and high pressure/high temperature pipeline systems.



Education:

- Professional Engineer – State of Texas, 2002
- Diploma in Engineering Management, from Bristol University, Bristol, England, 2000
- MA Honors Degree from Cambridge University, Cambridge, England, 1994
- BA Honors Degree in Engineering from Cambridge University, Cambridge, England, 1990

Marc Bik



Mr. Bik has over 20 years of experience in offshore geotechnical engineering and shallow geophysical data acquisition. He offers a high level of technical proficiency ranging from foundation design to project supervision and project management. Mr. Bik has completed numerous international projects. He is adept at conceptual development, specification and scope of work preparation, project bidding and award and deliverable oriented project management.

Education:

- Master of Science in Mining Engineering, with specialization in Engineering Geology, Delft University of Technology The Netherlands, 1988.

Dr. Paul Laws

Dr. Laws has a total of 18 years work experience related to the offshore / petrochemical industry. He specializes in metallurgy, materials selection, coating technology, welding engineering, failure investigation, specification writing, corrosion mitigation, cathodic protection design, inspection techniques (including AUT) and testing programs.



Dr Laws has worked in the Far East, Europe and the United Kingdom and is currently the Materials Engineering Manager for INTEC Engineering in Houston.

Education:

- Doctor of Philosophy Materials Technology, Cranfield University, 1991
- Master of Science Offshore/Subsea Engineering, Cranfield University, 1988
- Bachelor of Science (Hons) Metallurgy & Materials, London Guildhall University, 1987

Dr. Scott A. Bufton



Dr. Bufton has over 20 years' post-baccalaureate engineering and business experience, including a PhD in engineering and increasingly responsible roles within the global energy industry. He has 13 years of experience in the area of subsea and deepwater flow assurance, including 7 years with a major oil company and exposure to several deepwater flow assurance projects. He has been with INTEC Engineering for 6 years. His technical experience, communication skills, and customer focus allow him

to participate effectively as a technical contributor, project manager or liaison between technology, clients and other stakeholders. Dr. Bufton is INTEC's Flow Assurance Manager.

Education:

- Doctor of Philosophy Mechanical Engineering, University of Illinois (thermal-fluids emphasis)
- Master of Science Mechanical Engineering, University of Illinois (thermal-fluids emphasis)
- Bachelor of Science Mechanical Engineering with Honors, University of Illinois

Jerome W. Hoose

Mr. Hoose is a senior construction manager with over 20 years of marine construction experience. His experience includes both Deepwater and Shallow water projects, including pipelines, structures and Subsea developments. In his 20 year career he has worked in the role as the Deepwater Construction Manager for Offshore Construction Contractors as well as the Installation Manger for Major Oil Companies. His role at INTEC includes construction contract development, construction engineering review and approval, construction planning, management supervision, construction cost control estimates & schedules, and construction execution review and support.



Education:

- Bachelor of Science in Ocean Engineering from Texas A&M University, 1987