2018 HPHT Conference Presenters

**Srinivas Badam**  
Project Engineer  
TechnipFMC

Srinivas Badam is a Project Engineer at TechnipFMC, leading the 20Ksi Subsea Production Systems (SPS) development effort. The work includes design, verification and validation, and Independent Third Party (I3P) review of 20ksi SPS portfolio of products. He is also heading the I3P review for 20K Well Intervention scope. He worked as a Deputy Systems Engineer and a Systems Engineer on various GoM subsea projects during his 6+ year tenure at TechnipFMC. He has a Master’s in Mechanical Engineering from Tennessee Technological University and enjoys working on tech savvy projects.

**Paul Beauchamp**  
Technical Support Engineer  
Grant Prideco™ Business Unit, NOV Wellbore Technologies

Paul Beauchamp is a Technical Support Engineer for the Grant Prideco™ business unit within NOV’s Wellbore Technologies segment. He serves as a lead technical advisor for advanced drill pipe product applications, including landing strings and risers. In his eight years at NOV, he has also worked in research and development where he has led product innovation projects and directed validation efforts for custom-engineered, high-pressure solutions. He is NOV’s alternate voting member for API SC17 and has served as the company’s lead for the API 17G committee for the past seven years. Paul earned a B.E. in Mechanical Engineering from Vanderbilt University (2010) and is a Licensed Professional Engineer (P.E.) in the state of Texas (2016). He is currently attending Rice University to earn a Master’s degree in Business Administration (2020).

**Roy Chowdhury**  
Application Engineering Advisro, North America Offshore  
Baker Hughes, a GE Company

Ashabikash Roy Chowdhury holds M.Sc. degree in geology from Lucknow University, India and has 33 years of experience in upstream oil and gas industry. He started his career with Baker Hughes, a GE Company in 1985 and held wide variety of field and office roles including wellsite geologist, survey engineer, drilling optimization engineer, training instructor, drilling operations coordinator, project manager, etc., in different geographies like China, Malaysia, Brunei and several other countries in Middle East. He is currently based in Houston and working as an Application Engineering Advisor for North America offshore. In his present role, Roy Chowdhury reviews application and recommends and guides drill bit design initiatives, evaluates drilling performance and helps in new product introduction.
Mr. Chowdhury is member of SPE, AADE and follows their activities closely and has several papers in drilling optimization, bit / BHA design and application analysis to his credit. His current interest is in drilling mechanics, drilling dynamics and BHA design and optimization.

Sourabh Dighe
Completions Engineer
Viking Engineering

Sourabh Dighe is a Completions Engineer with 14 years of experience in application engineering, operations and design engineering. He started working for service companies for almost nine years, with engineering consultancy for almost five years and is currently working for Viking Engineering. He has worked on various projects across the globe including HPHT project execution in India, 300+ wells heavy oil completions, smart well completions and sand screens.

Dighe started out in field operations running lower and upper completions, slickline, coil tubing and thru tubing jobs, then progressed to applications engineering and project engineering.

Andrew Dingee
President
ADEnterprise

Andrew Dingee graduated from the University of Illinois. He is a 27-year veteran of the US Marines where he flew AV8Bs. During his tours, he received over a dozen awards for outstanding recognition with regards to standardization and safety.

In 1999, he was hired at United Airlines and held a variety of safety leadership positions. For his accomplishments, he was nominated for the Flight Safety Foundation Brownlow award. As an accident investigator and incident reporting expert, he implemented changes to procedures that increased safety and efficiency to the world’s largest airline. In 2010, he successfully implemented aviation style checklists and procedures into the oil and gas industry that reduced risk and increased efficiency - saving hundreds of millions of dollars. He recently completed his book on human factors called, “Delivering the Right Stuff”. His book highlights the journey on how the airline industry migrated away from blaming the individual to understanding human error.

Tom Goin
CEO
WN Global

Tom entered the high integrity bolting industry in 1972. Over the course of his career he has gained SME status in a variety of industries utilizing such critical service bolting:

- Commercial Nuclear Power Systems
- Navy Nuclear Propulsion Systems
- Aerospace / Manned Space Flight
- Experimental Fusion Power Systems
- Steam / Hydro / Gas Turbine Power Systems
- Oil and Gas Exploration and Production Equipment

His responsibilities have included management of manufacturing, sales and marketing, procurement, quality assurance and supply chain management. Tom has been with U.S. Bolt Mfg. and TSP Mfg. (both WN Global companies) for over 26 years. He has been twice elected President of the Association of Well
Head Equipment Manufacturers (AWHEM). He is the founding Chairman of API Specifications 20E and 20F and is an active member of several additional API Product Specification Committees. Tom is an active participant in API’s Bolt Safety Alert Work Group.

**Jonathan Groh**  
R&D Project Engineer  
VAM USA

Jonathan Groh is a Project Engineer in the Research and Development Department of VAM USA. Jonathan has been with VAM USA for 6 years and has managed numerous connection qualification design and test programs during that time. He is the author of a well-received technical paper that was presented at the Offshore Technology Conference and the SPE HPHT Workshop in Kuala Lumpur, Malaysia. He is a graduate of Columbia University in the City of New York with a Bachelor of Science in Mechanical Engineering.

**Xiaoyang Guo**  
Professor  
**Southwest Petroleum University, China**

Xiaoyang Guo received his BSc Degree in Drilling Engineering from Southwest Petroleum University (SWPU) in 1977. He is the Professor of State Key Laboratory of Oil and Gas Reservoir Geology and Exploitation and Petroleum Engineering Institute at SWPU since 1996. He has been employed as the dean of Petroleum Engineering Institute, School of Chemistry and Chemical Engineering and School of Materials Science and Engineering. He also is a member of the Chinese Petroleum Society, deputy director of Cementing Group of Drilling Engineering Committee of Chinese Petroleum Society, and member of China Drilling Engineering Technology and Standardization Committee. His research interests are centered on Cementing Engineering Technology and Materials of Oil & Gas Wells, and he has published more than 200 research articles and is inventor/co-inventor of 36 China patents related to these topics and has guided more than 80 PhD and MSc students.

**Carl Guy**  
Technical Completions Sales, Deepwater Gulf of Mexico  
**Weatherford**

Carl Guy is currently in Technical Completions Sales for deepwater Gulf of Mexico. Previously Carl served as a Global Product Line Manager for Flow Controls. He has more than 34 years’ experience in sales, product-line management, manufacturing, and slickline services with Otis Engineering. Carl has spent the last thirty of these years at Weatherford. He holds a bachelor’s degree in Physical Education, Agriculture & Sociology from North Western Oklahoma State University.
El Mehdi Habib  
**Chef de Service Géologie**  
**Sonatrach**

Habib is a petroleum geologist responsible for mapping and developing unconventional tight gas reservoirs, with a primary focus on new approaches for modelling that improve productivity. Habib earned a BSc in petroleum geology and began working as a developmental geologist in the Production and Development Division of Sonatrach (Algeria), where he has been involved in 89 well realizations, from simulation to delivery. In 2013, Habib developed a new method to produce gas in unconventional reservoirs without hydraulic fracturing using the fractals theory. Currently, Habib is responsible for the geology of the Hassi R’mel giant gas field as well as continuous research in petroleum geology for all of Algeria.

Mohamed Hamed  
**Algeria Baroid Technical Manager**  
**Halliburton Baroid Drilling Fluids**

Hamed is the technical manager for Baroid in Algeria. He is a subject matter expert in drilling and completion fluids with more than 18 years of industry experience. His primary focus is on economically engineering and optimizing unconventional fluids required for HP/HT, ERD, and deepwater reservoirs by employing new, creative approaches to these fluids.

Hamed holds a BSc in chemistry. He began his professional career as a drilling fluids engineer for deepwater operations in the Mediterranean Sea, Egypt, where his work was vital for delivering more than 35 deepwater wells with BG. Additionally, he supervised two world-record HP/HT wells. Presently, Hamed is responsible for increasing asset values by scientifically developing a customized fluid design for each well, ultimately demonstrating and documenting the incremental value that custom-engineered fluid solutions can provide.

Dr. Jim Kaculi  
**Vice President, Engineering**  
**Dril-Quip, Inc.**

Dr. Kaculi is the Vice President of Engineering at Dril-Quip, Inc. and is responsible for the company global engineering and R&D activities. He has over 18 years’ experience in design and analysis of a wide-range of subsea drilling and production equipment and has expertise in stress analysis (FEA) and fatigue/fracture mechanics. He holds Bachelor of Engineering Science (Polytechnic University of Tirana), Master of Engineering Science and Doctor of Engineering (Lamar University) degrees in Mechanical Engineering. He is a licensed professional engineer in the state of Texas and has authored several technical papers. He is actively involved and a member of various API standards development committees. Kaculi serves AWHEM representative to API, is a member of Committee on Standardization of Oilfield Equipment and Materials (CSCOEM), and a member of the US Technical Advisory Group for ISO Technical Committee 67. He participates in various professional organizations and is vice-chair of ASME-OTC Program Committee.
Karan Kaul
Well Intervention Coiled Tubing Engineer
Halliburton
Karan Kaul, Well Intervention Coiled Tubing Engineer, completed his bachelor’s in Mechanical Engineering from Maharashtra Institute of Technology, University of Pune in First Class with Distinction.
He comes with a varied experience in the oil and gas and manufacturing sectors. He is presently working as Principal Technical Professional with Halliburton Energy Services. He designed the service and executed various oil production methodologies using coiled tubing technologies including Cobramax – hydrajetting; complex tubing puncture job in oil and gas reservoirs. He also carried out continuous improvement in sand cleanout and milling services in horizontal, extended deep reach and HPHT wells.
Besides his strong engineering experience and operational experience with coiled tubing services, he has also worked on concepts, design and manufacturing of oil and gas critical equipment including acid transport designed for hazardous cargo, explosion proof light source and workshop containers. He has also completed simultaneous engineering for a new product manufacturing feasibility on existing assembly line and developed ergonomic manufacturing processes and machines targeting HSE and service quality.

Daniel Kluk
Senior Associate
Stress Engineering Services, Inc.
Daniel Kluk is a Senior Associate at Stress Engineering Services, Inc. He is a mechanical engineer experienced in machine design and systems engineering. His portfolio of experience at Stress includes specification, design evaluation, and qualification of HPHT BOP and drilling riser equipment systems; field measurement and dynamic modeling of subsea hydraulic controls; design and deployment of dynamically based deepwater structural measurement systems; forensic evaluation of pumping and mud handling equipment; design evaluation and failure analysis of direct-acting riser tensioner systems; and deepwater well hydraulic analysis. Before joining Stress, he worked in the aerospace and mechanical testing industries designing spacecraft propulsion components and automotive fatigue test equipment. He holds a BS degree in mechanical engineering from Northwestern University and an MS degree in mechanical engineering from the Massachusetts Institute of Technology.

Thiago Lusquínios
Lead Engineer
TechnipFMC
Thiago Lusquínios is a Lead Engineer with the XT Development group for TechnipFMC, currently responsible for the detail and design phase of HPHT XT Product Developments. Present efforts include products and systems for 15,000 psi and 400°F and 20,000 psi and 350°F. Thiago Lusquínios is a mechanical engineering graduate from Rio de Janeiro State University and has worked on Subsea Processing, Subsea Power and Boosting, Subsea Trees and Manifolds, and HIPPS developments as well as other Research and Development projects throughout his 10 years at TechnipFMC.
Randall Luthi
President
National Ocean Industries Association (NOIA)

Randall Luthi has been the President of the National Ocean Industries Association (NOIA) since 2010. An attorney and rancher from Wyoming, Luthi has an extensive background in both government service and the private sector. Among his government service, Luthi most recently served as the Director of the Minerals Management Service at the Department of the Interior from 2007 to 2009. Between 1995 and 2006, Luthi served in Wyoming’s House of Representatives. He was the Speaker of the Wyoming House of Representatives between 2005 and 2006.

Philip Neri
Marketing and Communications Manager
Energistics

Philip brings over 35 years of global geoscience, data management and marketing experience. His experience with both energy companies and software vendors, added to market research activities, allows him to communicate the value of data integration to a diverse audience. He is well aware of new trends in big data, machine learning and IoT. Philip holds a B.Sc. in Geology and an M.Sc. in Geophysics and Computer Science, has worked for oil majors Shell and Total, service companies Schlumberger and CGG, software developers such as Paradigm and Ikon Science, as well as technology start-ups in Europe and the USA, in diverse fields such as Machine Learning, marine acquisition technology and inventory management; he is a member of SEG and EAGE.

Parth Pathak
Senior Engineer, Subsea Trees
OneSubsea, a Schlumberger Company

Parth Pathak is a senior engineer at OneSubsea, a Schlumberger Company and is the technical leader for 20ksi Subsea Tree System development. He is also a technical advisor for several other HPHT product developments. Parth has been with OneSubsea for over 10 years and has been primarily involved in new technology developments. He has represented OneSubsea for various API SC 17 task groups, such as 17TR8, 17TR12 and 17TR7. He has several publications in the areas of HPHT products and FEA. He is a registered professional engineer in the state of Texas and has a master’s degree in mechanical engineering from the Ohio State University, with thesis in using FEA for Design & Manufacturing. He has a bachelor’s degree in mechanical engineering from University of Pune, India.

Brad Pickle
R&D Mechanical Engineer
Halliburton

Brad Pickle works for Halliburton as a senior design engineer in safety valve new product development. Brad has 16 years of experience in the oil and gas industry designing completion and wellbore intervention equipment. Brad has a master’s degree in mechanical engineering from the University of Oklahoma.
Md. Sakinur Rahman  
QA/QC Manager  
SMOP PTE LTD

Md. Sakinur Rahman, holds a Master in Welding Engineering (Distinction) from University of Wollongong (Australia) and has been working in the oil and gas industry (EPC Contractor) since 1984. He also holds an IWE (International Welding Engineering) diploma. Throughout his career, he assumed various roles on Welding and Quality including Welding Engineer, Welding Manager, Procurement Quality Control Manager, QA/QC Manager etc. on corporate and project levels. He is currently Senior QA/QC Manager of SMOP PTE LTD, a fully owned subsidiary of Sembcorp Marine Limited, established in Singapore. SMOP has undertaken the engineering, procurement and construction (EPC) of three topside modules of Maersk Oil’s HPHT Culzean Filed Development Project at North Sea (UKCS). Md Sakinur Rahman worked on this Project as Supplier Quality Surveillance (SQS) Manager.

Hank Rogers  
Chief Technology Officer & Co-Founder  
Citadel Casing Solutions LLC

Hank is a recognized industry expert in the design and deployment of cementing casing equipment. With 69 United States patents granted, 20 more pending, and the author of more than 50 technical papers, Hank brings years of experience and unmatched credibility to the Citadel leadership team. Hank has extensive experience with the design and deployment of cementing casing equipment. His patents demonstrate extensive innovative, problem solving and design skills. His industry papers or articles document a wide range of technology deployment successes. Volunteer work include chairing the API task group on mechanical cementing plugs and serving on API work groups under SC10 for oil well cements. Additional volunteer work includes membership on several SPE conference program committees. Specialties include application of equipment technology in cementing of oil and gas wells and experience in well head equipment and pressure control equipment. Hank received a B.S., Petroleum Engineering Technology degree from Oklahoma State University and is a Registered Professional Engineer in Oklahoma.

Selim S. Shaker  
Geopressure Consultant  
Geopressure Analysis Services, Inc. (G.A.S)

Selim has over 30 years’ experience in the oil industry. He started his career in Egypt as a wellsite stratigrapher and structural geologist. During his 20 years of US domestic service with Phillips Petroleum, his main function as exploration geologist was prospect generation in the Gulf of Mexico. After retiring from Phillips Petroleum in 2000, Dr. Shaker established Geopressure Analysis Services (G.A.S) to focus on PP-FP prediction, evaluating the impact of geopressure compartmentalization on drilling, seal integrity and salt interaction on leads and prospects in the Gulf of Mexico, both shelf and deep water. Selim has worked on PP-FP projects worldwide. He consulted for Knowledge System Inc. (KSI) to develop their DrillWork software and currently teaches several classes related to PP-FP and their application on exploration and drilling risks. He has published 46 papers and articles and is an active member of SPE, AAPG, SEG, AADE, CSEG, HGS, and GSH.
Janine Shipman
Scientist
CNPC-USA

Janine Shipman has over 10 years analytical chemistry experience in drilling fluids and analyzing related oil and gas materials. She specializes in shale analysis (XRD, CEC) and general applications involving various analytical equipment (including GC-MS, GC-FID, ICP, XRF, IC and others). She also has experience in product development and quality assurance and control in drilling fluids. She has been included in many teams where she reviewed and authored technical and regulatory documents.

Eric Sirgo
General Manager, Major Capital Projects, Gulf of Mexico Business Unit
Chevron

Eric currently serves as General Manager of Major Capital Projects within Chevron’s Gulf of Mexico Business Unit (GOMBU). Headquartered in Covington, Louisiana, GOMBU is focused on all aspects of resource development in the deepwater Gulf of Mexico, including exploration, appraisal, drilling, major capital projects, reservoir management and production operations. GOMBU explores in water depths ranging from 1,500 to 10,000 feet and is a significant lease holder and active driller in the deepwater Gulf of Mexico.

Eric has 31 years of experience in the oil and gas industry. He received his Bachelors of Science degree in Mechanical Engineering from the University of Texas at Austin in 1987 and joined Chevron that same year as a facilities Engineer in Midland, Texas.

Eric has held a variety of upstream technical and managerial positions in his Chevron career, including multiple assignments in Texas, California, Louisiana and Scotland. He has held roles in Construction, Operations, Business Planning and Asset Development in both offshore and onshore environments. He served as an advisor to the Executive Vice President of Upstream at Chevron’s headquarters in San Ramon, California, as well as the North America Information Technology Manager in Houston. Prior to his current position, he was appointed General Manager of Operations for Chevron Europe in the UK North Sea and Director of Chevron’s non-operated business in Denmark.

He is a member of the Society of Petroleum Engineers and a registered Professional Engineer. Eric is married with two children.

Dan Thai
North America Offshore Sales Manager
Schlumberger

Dan started his career with Schlumberger in 2001. He has primarily worked in Southeast Asia and North America. He has held numerous positions ranging from operations to project management. A large portion of his career was spent in product development and engineering for subsurface safety valves and isolation valves where Dan was part of the team to help set the foundation for HPHT safety valves and isolation valves. Dan is currently the sales lead for North America Offshore in the completions product line.
Andrea Vissotski  
Lead Engineer Acidizing  
Baker Hughes, a GE Company  

Andrea Vissotski is a Research and Development engineer for the Pressure Pumping Technology Center in Tomball. She is a key contributor in developing new technologies for acidizing and remediation and provides technical support to the international Pressure Pumping operation as well. Andrea has authored and co-author multiple papers on acidizing technologies, modeling and case histories, and she is an active member of the Society of Petroleum Engineers. She was the recipient of the Baker Hughes Fellowship “Paula Erazo-Gonzales” while working towards her Masters degree in Petroleum Engineering from Texas A&M University.

Chester Whinery  
Engineering Technology Lead  
Blast Control Systems  

Chester Whinery is a design engineer at Blast Control Systems where he serves under the title of Engineering Technology Lead. Mr. Whinery has led research and development projects, cannon testing experiments, projectile energy analyses, business development, and barrier deployment design analyses at Blast Control Systems for one year. Mr. Whinery previously worked for Southwest Research Institute, where he was a lead field engineer in the Fluid Machinery Department under the Mechanical Engineering Division for five years. Mr. Whinery is an expert in acoustical pipeline analyses, mechanical vibration in piping and machinery, projectile energy analyses, and experimental testing of mechanical applications. Mr. Whinery is currently pursuing a Professional Engineering License in the state of Texas for Mechanical Engineering.