

3. S.I. Bakhtiyarov, R.A. Overfelt, . . ., "Local Velocities Measurements in Liquid Metals by Permanent-Magnet Potential Probe", *SECTAM XX, 20es Southeastern Conference on Theoretical and Applied Mechanics*, Callaway Gardens, Pine Mountain, GA, April 16-18, 2000.
4. S.I. Bakhtiyarov, R.A., Overfelt "Contactless Inductive Technique for Electrical Conductivity Measurements on Molten Metals", *Fourteenth Symposium on Thermophysical Properties*, Boulder, CO, June 25-30, 2000.
5. S.I. Bakhtiyarov, M. Dupac, R. A. Overfelt and **H** Fluid Flow Effect in Electrical Conductivity Measurements of Molten Metals by Inductive Technique *Forum on Advances in Free Surface and Interface Fluid Dynamics VIII, Joint ASME-European Fluids Engineer*

1. "Drilling Vibrations Fundamentals", Baker Hughes Training Workshop, 2009
2. "Advanced Vibration Analysis using High Speed data Analysis", Baker Hughes, 2010
3. "Downhole Telemetry Methods", Weatherford Strategic Development and Training Initiative, 2011.
4. "Measurement While Drilling Technologies", National Oilwell Varco, Rig Automation Workshop, 2013.
5. "Application of Drilling Fluids and Solids Control Equipment in Oil Industry", Halliburton, Roadmap to Automation, 2014.
6. "Waste Management and Automation of Rig Surface Equipment", Halliburton, Dealing with Uncertainties, 2015.

Houston, TX

Overseeing engineering tools design and development, manufacturing QA/QC, BHA optimization.
Downhole tool design (stabilizers, reamers, filter subs, jars);
Failure analysis (tools, hard banding, operational issues);
Strategic technology development;
Preventive maintenance, tool tracking, lifetime estimates.

The Woodlands, TX

Overseeing engineering contracts and consultations, ensuring proper resource allocation, work load, quality and timely delivery of projects. Setting strategies for business expansion.

Providing technical solutions and sales presentations on solids control equipment, process improvement, product development, automation, application development;

Condition based monitoring of BOPs for kick detection, production monitoring

Provided engineering solutions (internal consultant) for global operations issues on rig surface equipment, defining and implementing long term strategy;

Led projects on fluid phase separation, weight control materials, ore sorting – presented and promoted findings to executive management on potential new products/processes;

Recruited personnel and reviewed/mentored direct reports; prepared and closely monitored budgets;

- 8,016,050 – Methods and Apparatuses for Estimating Drill Bit Cutting Effectiveness
- 8,006,781 – Method of Monitoring Wear of Rock Bit Cutter 1 478.3 711.96 Tm[)]TJETqQan33.75