

Curriculum Vitae

Personal Information

Name **Sthener Rodrigues Vieira Campos**
Address Av. Lucio Costa 3360/1004 BL. 6 - Barra da Tijuca – Rio de Janeiro – Brazil
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email sthener.campos@gmail.com / sthener@petrobras.com.br
Birthdate 12/10/1973
Nationality Brazilian

Education NTNU, Trondheim, Norway, Ph.D., 11/2015, Petroleum Engineering
NTNU, Trondheim, Norway, MSc., 12/2009, Petroleum Engineering
Catholic University, MG, B.S., 6/2000, Mechatronic Engineering

Current Position **Petroleo Brasileiro S.A., (CENPES), 2/2001 to present**
Project Coordinator at Optimization and Logistic Operation Department

Work Experience **R&D Partnership and Business Development:**

O&G Industry - CTBS – Centro Tecnológico da Baixada Santista – Project coordinator since 2014. Responsible for the sustainability and partnership strategy development (on-going project).
- Partnership between Norwegian and Brazilian Universities which result in a MoU signed in 2012 between NTNU and UFSC. Continuous activities to foster cooperation between both countries.
- Partnership between Norwegian and Brazilian company associated to Innovation Norway business strategy (2008-2012)
- Intelligence Technology Network (RIT) Coordinator for Integrated Operations Development in Petrobras (2003-2007)

Project Coordination:

- IT Remote Infrastructure Usage for High Performance Computing
Applied to Reservoir Engineering Simulation (planning phase)
- ESP control and equipment lifetime extension (on-going)
- Multiphase Flow Modeling Through Singularities (on-going)
- Big data applied to production optimization
- Gas Lift Automation and Optimization for Offshore/Onshore Scenarios.
- Artificial Lift and Intelligent Completion Integration in Carmopolis Field.
- Production Optimization for Platform P-37.
- Smart Field Project in Carmopolis Field.
- Production Optimization in Urucu Field.
- High Level Language for PLC Programming.
- Leak detection systems for oil and gas pipeline

Consultancy and part-time dedication in several other R&D projects since 2001 at CENPES / Petrobras

	<p>Petrobras Corporate Strategy:</p> <ul style="list-style-type: none"> - Artificial Lift Automation Coordinator – Project Portfolio Management - Committee Member for Integrated Operation Projects Implementation. - Committee Member to Petrobras Standard Elaboration for E&P Well Automation & Optimization. - Organization of Internal Workshops and Seminars in Artificial Lift, Production Optimization, Smart completion and Well Automation.
Pre-O&G Industry	<p>Unitech Engineers and Consultants, MG, Brazil 1/94-1/97 Industrial project design: Pipeline/Mechanic, metallic structures, Electric interface, electronic interfaces – Autocad designer</p> <p>Joanneum Research–Inst. of Polymer Science, Leoben, Austria 5/99-9/99 Fracture and Fatigue test - Polymer Characterization</p> <p>Cristian Doppler Labor-Automation Inst., Leoben, Austria 9/99-1/2000 Leak detection system for Aboveground storage tanks - Concept design</p> <p>Metallurgical Technology Sector–CETEC/MG, 1/96-1/99; 1/2000-12/2000 Tribology, 2D and 3D Profilometry, Acoustic Emission data acquisition</p>
Patents	<p>INPE nº: BR 10 2012 032840 2 A2. Sensor de impedância elétrica para escoamento gás-óleo. (2012)</p> <p>INPE nº: PI0300570-4 B1. Processo e equipamento para cominuição de garrafas pet (poli tereftalato de etileno) pós-consumo através de cilindro. (2003)</p>
Prize	Inventor Prize 2013 – Petrobras
Software Skills	Hysys, Pipesim (Schl), PI, wellflow (weatherford), Marlim (BR), Tracelift, PVTSIM, Winprop.
Language	English Fluent
Relevant courses	<p>Thermodynamic models: fundamentals and computational aspects, Danish Technical University - DTU, Chemical Engineering, September 2012</p> <p>Advanced Gas Condensate reservoir management, Hot engineering, Trondheim, February 2011.</p> <p>Advanced PVT & EOS Fluid Characterization, NTNU, Ph.D, December 2010.</p> <p>Enhanced Oil Recovery, NTNU, Ph.D , June 2010.</p> <p>Pipeline and fluid transportation, BR University (6 month), February 2001.</p>
International Steering Committee Participation	<p>2017 Multiphase flow Journey – São Paulo - March</p> <p>2016 SPE Data Driven Analytics Workshop – Houston -Spring</p> <p>2015 2nd IFAC Automatic Control in Offshore Oil and Gas Production</p> <p>2014 SPE Integrated Intelligent Completion, Rio de Janeiro, BR</p> <p>2011 SPE Forum Series - Reservoir Management 2020: Surveillance, Analysis and Optimization, Santa Fé, Texas, US</p> <p>2010/2011 IO CENTER Technical Meeting member, Trondheim, NO</p> <p>2006 SPE Brazil Onshore , Natal, Brazil</p> <p>2006 SPE Intelligent Energy - Netherlands (in behalf of Ricardo Portella)</p> <p>2005 ASME/ISO Gas Lift Workshop, Rio de Janeiro, Brazil.</p>

**International
Publications**

Sthener R.V. Campos, 2016 “ **Integrated Process Modeling: Drivers, Enablers and Case Study**” OTC-27267 at Offshore Technology Conference and Exhibition. May 02-06, Houston, Texas, US

Campos, S.R.V. “**Composition Reservoir to Stock tank modeling in Hysys**” 2015 JEM - Multiphase flow Journey, São Paulo, Brazil in March 2015.

Campos, S.R.V., Balino J. L., Slobodcicov, I., Filho, D., Paz, E.F. 2014. “**Orifice plate meter field performance: formulation and validation in multiphase flow conditions.**” *Journal of Experimental Thermal and Fluid Science* 58C: 93-104; doi: 10.1016/j.expthermflusci.2014.06.018

Braswell, G. “**Model Integration and Data Optimization Software Enables Integrated Project Modeling**”: JPT - Technology Update, March 2012 (Interview and document peer review for publication).

Codas, A., Campos S.R.V, Gunnerud, Camponogara, E., Sunjerga, S. 2012. “**Integrated Production Optimization of Oil Fields with Pressure and Routing Constraints: The Urucu Field**”. *Computer & Chemical Engineers*, Vol. 46, 15 November 2012, Pages 178–189

Campos, S. R. V., Teixeira, A. F., Vieira, L. F., Sunjerga, S., 2010. “**Urucu field integrated production modeling**”: SPE Intelligent Energy Conference and Exhibition. Society of Petroleum Engineers.

Masterali, N., Rosa, E.S., Correa, J.F.S., Campos S.R.V. “**Optimizing Oil Production on Intermittent Gas Lift Method**” 19th International Conference in Mechanical Engineering , Brasilia, Brazil, November 2007

Sthener R.V.Campos, Manoel F. Silva Jr, José F. Correa, Edson Bolonhini, Durval F. Filho, “**Right Time Decision on Artificial Lift Management for Fast Loop**”, SPE 99956 presented at Intelligent Energy 2006, Amsterdam, Netherlands, April 11-13

Manoel F. Silva Jr, Ricardo C.M. Portella, Ronaldo G. Izetti, Sthener R.V. Campos “**Technologies trials of Intelligent Field implementation in Carmópolis Field,**” paper SPE 95917 presented at 2005 ATCE, Dallas, Texas Oct 9-12

Branco, J. R. T.; Campos, S. R. V.; Duarte, L. T.; de Freitas Cunha Lins, V. “ **Combustion-Thermal-Sprayed Recycled Poly(ethylene terephthalate)**”, *Journal of Applied Polymer Science*, Volume 92, Issue 5 , Pages 3159 – 3166, March 2004

Branco, J. R. T.; Campos, S. R. V., “ **Wear Behavior of PET**”, ICMCTF/99 International Conference on Metallurgical Coatings Thin Films, San Diego, USA, April 99