



特別講演会 Special Lecture

YNU 横浜国立大学
YOKOHAMA National University
Initiative for Global Arts & Sciences グローバルな学術の共創

ブラジルにおける海洋工学と関連ビジネス

Ocean Engineering and Related Business in Brasil



講師：サンパウロ大学工学部 船舶海洋工学科長
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Director of Numerical Offshore Tank - TPN laboratory
University of São Paulo

目覚ましい勢いで発展を続けているブラジルの海洋開発技術と関連ビジネスについて、ブラジルにおける海洋工学の第一人者であるサンパウロ大学ニシモト先生にお話頂きます。

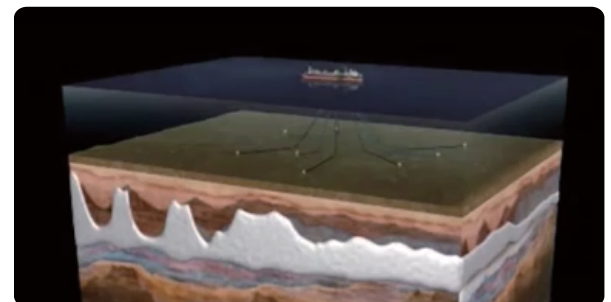
日時：2014年1月8日（水） 13:15-14:30

場所：理工学部講義棟 A301

Graduated from Naval Architecture and Marine Engineering of the University of São Paulo at 1979. Obtained the degree of MS of Naval Architecture and Ocean Engineering from Yokohama National University, Japan, at 1982 and PhD of Naval Architecture & Ocean Engineering from the University of Tokyo, Japan, at 1985 and served as a Visiting Professor of the University of Tokyo at 1991 and in the University of Michigan Ann arbor at 1996-1997.

Currently, he is a Full Professor of the University of São Paulo, Head of Department of Naval Architecture & Ocean Engineering of Polytechnic School of USP and also Director of Numerical Offshore Tank Center of USP. He also coordinated several development projects in the field of naval and ocean engineering, mainly related to offshore systems and military vessels. Inside of these developments the MONOBR and FPSOBR project, innovative floating production systems, those are considered as systems in ultra deep waters in Pre Salt area and GoM for Petrobras.

He also has been developing the Numerical Offshore Tank (TPN) and DYNASIM simulators coupling several numerical code to analyze moored floating systems with risers (pipelines), sloshing, multibodies, etc. considering numerical & semi empirical hydrodynamic loads. In 2009, he coordinated the development of the center with computation system of Galileu GRID (Petrobras thematic network of scientific computing and visualization) with 100Tflops HPC with a physical test basin provided with wave generator-active wave absorber.



主催：工学府 海洋宇宙システム工学コース

協力：工学研究院 テニユア・トラック若手准教授の会