



Câmara de Comércio Americana em Portugal

LUSO-AMERICAN FOUNDATION

CUM O ALTO PATROCÍNIO DE SUA MAJESTADE



WAVEC'S ANNUAL SEMINAR AND INTERNATIONAL B2B MEETINGS FOSTERING TRANSATLANTIC GROWTH OF MARINE RENEWABLES UNITED STATES PORTUGAL

OCTOBER 9 - 10, 2014 LISBON, PORTUGAL

VENUE: Gulbenkian Foundation - October 9, 2014 - **WAVEC'S ANNUAL SEMINAR**



Alberto Leão
Sales Director at Lankhorst Ropes

Graduation in Mechanical Engineering. Start to develop special Offshore ropes since 1998. Specialized in Mooring Ropes designs and installation operations, Polyester and High Strength Fibers. Member of API 2SM Task Group and several JIP.



Alla Weinstein
President

Alla Weinstein was the co-founder and CEO of AquaEnergy Group (AEG), a company that successfully developed a wave energy conversion technology that was acquired by Finavera Renewables Inc., a TSXV listed Renewable Energy company, where she was the General Manager and a Director. Alla brings over 30 years of industry experience, building global engineering projects for companies like Honeywell and Boeing. She is a frequent speaker in the US and Europe on the development of Renewable Energy and has served as the first President of the European Ocean Energy Association. Alla holds a BE in EE from Stevens Institute of Technology and an MBA from Thunderbird, the Garvin School of International Management.



Andrew Lipsky
Senior Partner

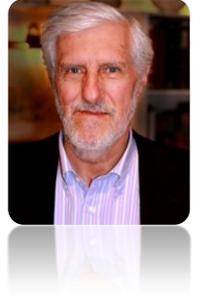
A skilled facilitator, marine and watershed scientist, and a leader in managing large conservation and development projects, Andy directs SeaPlan's science and policy work. In his 20 year career, he has worked at the NGO, state, tribal, and federal levels, including two years at the White House helping to develop and implement President Obama's National Ocean Policy.





António Sarmiento
President of WavEC Offshore Renewables

Founder (2003) and President of board of directors of WavEC Offshore Renewables in Lisbon, PhD in Mechanical Engineering from the Instituto Superior Técnico (IST) in Lisbon, where he was an Associate Professor until August 1st, 2013, date of his retirement. Founder (2007) and member of the board of Ocean Energy Europe, which is the new name of the European Ocean Energy Association in Brussels. Part of the scientific committee of the following organizations: European Wave and Tidal Energy Conference, International Conference on Ocean Energy (until 2012), Offshore and Polar Engineering Conference. Coordinator of the Offshore Energy department of the Portuguese energy cluster EnergyIN since its creation. Coordinator of the working group for the establishment of the Technology Roadmap KIC Inno Energy in the field of ocean energy since 2012. Associate Editor of the International Journal of Offshore and Polar Engineering.



Northwest National Marine Renewable Energy Center

Belinda Batten
Mechanical, Industrial, Manufacturing Engineering
Director & Professor

Current research interests of Dr. Batten include computational methods for controlling and optimizing distributed parameter systems, mathematical modeling, numerical analysis, and dynamics and control of autonomous vehicles and wave energy devices. Dr. Batten's research has been supported by the Defense Advanced Research Projects Agency (DARPA), the Department of Defense (DoD), and the National Science Foundation (NSF).

In addition to her faculty appointment in the School of MIME, Dr. Batten directs the Northwest National Marine Renewable Energy Center (NNMREC), collaboration between Oregon State University, the University of Washington, and the National Renewable Energy Laboratory (NREL) supporting wave and tidal energy development for the United States.



Bill Staby
Chairman
Resolute Marine Energy, Inc.

Bill Staby is the founder and chief executive officer of Boston-based Resolute Marine Energy, Inc. ("RME") – a developer of technologies for harvesting energy from ocean waves.

Bill is an experienced manager of early-stage technology companies. His entrepreneurial career started in 1997, when he was co-founder of an Internet floral delivery company that subsequently went public. Bill then helped start two companies in media technology and business process automation before founding RME in 2006. Earlier in his career, Bill was an investment banker at First Boston Corporation, where he was a member of the Electric Utility Corporate Finance Group, and later he was co-head of the North American mergers and acquisitions team at Rabobank International.

As a member of the Executive Committee of the U.S. delegation to IEC-TC 114, Bill is actively involved in the development of international technical standards for wave and tidal devices, and through his service to the Ocean Renewable Energy Coalition in Washington, D.C., he is helping guide public policy related to R&D investment, market incentives, regulation and marine spatial planning. Bill attended



Rhode Island School of Design and the University of Oregon before receiving his undergraduate degree from CUNY Bernard Baruch College in 1985. He earned his master's of business administration from New York University in 1987, which included a semester of study at H.E.C. in France.



Carlos Figueiredo
Head Of Project Finance

Currently Head of Project Finance Department of CaixaBI.
Prior to joining CaixaBI, worked for Depfa Bank and Banco Efisa.
Has been involved in several advisory and financing structuring mandates for Projects in Portugal, Brazil and Africa.
Holds a degree in Economics from Universidade Nova de Lisboa.



Conceição Moreno
Director at Cohesion and Development Agency

Economist, master in economics and management of science and technology with expertise in foresight, strategy and innovation. Currently is Director of Regional Policy at Cohesion and Development Agency, responsible for the formulation of regional development policy in transversal matters of relevance to the Partnership Agreement (Portugal 2020) and for the design, monitoring and evaluation of territorial specific mechanisms, including development of prospective studies and support the design and implementation of measures to promote regional development and economic and social cohesion. Previously she was responsible for the Collective Efficiency Strategies Unit, responsible for monitoring and evaluation of Poles and Clusters, in COMPETE. In this program has also developed activities in the fields of public policy evaluation and strategic management. She joined in 2013 the Office of the Secretary of State of Entrepreneurship, Competitiveness and Innovation, responsible under the Ministry of Economy for coordinating the preparation the programming process of Portugal 2020. Speaker at conferences and seminars in the fields of structural funds and clustering policies, R & D and Innovation.



George Laird
Business Development Director Machtech

Is the Business Development Director heading up the Machtech group within Dresser-Rand in Peterborough, UK. Part of his role is looking after the marine renewable business where Dresser-rand are looking to develop Power Take Off solutions for wave energy converters. He has a BSc in Electro-Mechanical Engineering and an MEng in Technology. He is also a chartered engineer with the Institute of Engineering Technology (IET) in the UK. He has been working in Power generation for the past 16 years with 10 years at Dresser-rand and 6 years at Cummins.





João Manso Neto
CEO of EDP Renováveis, S.A.

Born in 1958, he graduated in Economics from Instituto Superior de Economia (1981) and received a post-graduate degree in European Economics from Universidade Católica Portuguesa (1982). He also completed a professional education course through the American Bankers Association (1982), the academic component of the Master's Degree programme in Economics at the Faculty of Economics, Universidade Nova de Lisboa and, in 1985, the "Advanced Management Program for Overseas Bankers" at the Wharton School in Philadelphia.

From 1981 to 1995 he worked at Banco Português do Atlântico, occupying several positions, mainly as Head of the International Credit Division, and General Manager responsible for Financial and South Retail areas.

From 1995 to 2002 he worked at the Banco Comercial Português, where he held the posts of General Manager of Financial Management, General Manager of Large Corporates and Institutional Businesses, General Manager of the Treasury, member of the Board of Directors of BCP Banco de Investimento and Vice-Chairman of BIG Bank Gdansk in Poland. From 2002 to 2003, he was a member of the Board of Banco Português de Negócios. From 2003 to 2005 he worked at EDP as General Manager and Member of the Board of EDP Produção.

In 2005 he was elected CEO at HC Energía, Chairman of Genesa and Member of the Board of Naturgas Energía and OMEL. He was appointed on 30th March 2006 as member of the Executive Board of Directors, which office began on 30th June 2006, and reappointed on 15th April 2009 and 20th February 2012.

On February 28th, 2012, he was nominated Vice-Chairperson of the Board of Directors and CEO of EDP Renováveis, S.A.



Manuel Heitor
Professor and Director, Center for Innovation, Technology and Policy Research, IN+, at IST

Manuel Heitor is Full Professor at Instituto Superior Técnico, IST, the engineering school of the Technical University of Lisbon and director of the IST's "Center for Innovation, Technology and Policy Research". From March 2005 to June 2011 he served as Secretary of State for Science, Technology and Higher Education in the Government of Portugal. Most recently, in the 2011-12 academic year he was a Visiting Scholar at Harvard.

He earned a PhD at Imperial College, London, in 1985 in combustion research and did post-doctoral training at the University of California San Diego. Then he pursued an academic career at IST, in Lisbon, where he served as Deputy-President for the period 1993-1998. Since 1995, he has been Research Fellow of the IC2 Institute of the University of Texas at Austin. He is a founding member of the S&T Council of the "International Risk Governance Council", IRGC.





Marco Alves
Head of the Numerical Simulation Area

Degree, masters and phd in Mechanical Engineering at the Instituto Superior Técnico. Specialist for Hydrodynamics of wave energy and floating structures, with experience of around 10 years in the field.



Michael Bullock
Director of Renewable Risk Advisers

Michael is a founding Director of Renewable Risk Advisers, an insurance broker / risk management consultancy focussed on the renewable energy industry. RRA works with clients during the planning / contracting, construction and operational phases of projects and is developing specialist products in areas such as offshore weather delay risk. RRA's marine energy clients include Meygen, Aquamarine and Tidal Energy Ltd. making it a pre-eminent specialist in the sector.

Michael has previously been a Director of the leading offshore engineering consultancy SeaRoc, and prior to that, has had extensive experience in the international insurance industry, including helping to plan and launch a specialist renewable energy insurance unit within a major Lloyd's syndicate. He is a member of the finance steering group of the Ocean Energy Forum co-ordinated by MARE ocean Energy, and is a Trustee of the charity, Renewable World. Michael is an Associate of the Chartered Insurance Institute and a Chartered Insurance Practitioner.



Miguel Marques
Economy of the Sea Partner at PricewaterhouseCoopers Portugal

Miguel Marques is the Economy of the Sea Executive Partner at PricewaterhouseCoopers Portugal. Since he completed the degree in Economics at Porto University he has been working at PricewaterhouseCoopers as advisor of multinational companies related with several industries, including ports, shipbuilding, aquaculture, energy, maritime transportation and biotechnology.

He speaks regularly at conferences and other events around the world regarding off shore activities and sea industries.

Miguel has worked with leaders and executives across Europe, The Americas and Asia in order to help them make the best business decisions.

Miguel is the author of HELM - PwC Economy of the Sea Barometer (Portugal), a compilation of data that allows, a better understanding of the evolution of the economy of the sea. Simultaneously, HELM enables trend analysis and the evaluation of decisions that are being taken by various economic agents. HELM is a barometer made up of quantitative information transformed into indexes and perspectives of top managers provided by questionnaires answered by CEO's of several important entities operating in different subsectors of the economy of the sea.



MIT Portugal

Paulo Ferrão National Director of the MIT-Portugal Program

Was born in Lisboa in 1962, graduated in Mechanical Engineering in 1985 at IST- Instituto Superior Tecnico of the Technical University of Lisbon, where he obtained the prize for the best student of the year in his field. He obtained a Master in Heat Transfer and Conversion in 1998 and a PhD and “habilitation” in Mechanical Engineering at IST in 1993 and 2004, respectively. He concluded a graduation in Strategic Management in the Context of Innovation at ISCTE in 1988.

He is the National Director of the MIT-Portugal Program, the major international partnership on Science and Technology in Portugal, in the field of Engineering Systems, and he is also the focus area lead for Sustainable Energy Systems. He is Full Professor at IST. He is co-founder of IN+, Center for Innovation, Technology and Policy Research.

His scientific career has evolved within the areas of “Laser diagnostics for turbulent combustion systems”, “Analysis of Energy Systems” and “Industrial Ecology”, where the principles of Thermodynamics have been complemented with social and economic fundamentals in order to promote the analysis of the complex systems that characterize the major issues that are relevant for sustainable development of modern societies. He has been active on the area of “Sustainable Cities”, where he is publishing a book at MIT-Press on “Sustainable Urban Systems” co-authored with John Fernandez from MIT.

He is author of three books and co-author of two other in the area of Industrial Ecology, its principles, tools and different case studies. He is author of more than seventy papers published in journals and book chapters and over eighty papers presented in conferences and invited talks in different domains. He has co-organized more than a dozen international conferences and leaded more than thirty scientific projects in the areas of Energy Efficiency and Industrial Ecology.



Pedro Veiga Professor at Faculdade de Ciências da Universidade de Lisboa

Academic Degrees:

- Degree in Electrical Engineering, Instituto Superior Tecnico, Technical University of Lisbon, 1975
- PhD in Electrical Engineering, Instituto Superior Tecnico, Technical University of Lisbon, 1984
- Agregado in Electrical and Computer Engineering, Instituto Superior Tecnico, Technical University of Lisbon, 1992

Present Position:

- Full Professor at the Informatics Department at the Faculty of Sciences, University of Lisbon since 1993
- President of ISOC Portugal (since 2011)

Past activities:

- Member of the National Task Force responsible for the preparation of the Green Book for the Information Society (1996-2000)
- Member of the Management Board of ENISA representing Portugal (2004-2012)
- Chairman of FCCN (Portuguese Education and Research Network) (1997-2013)
 - in this quality was also responsible for CERT.PT and for the ccTLD of Portugal (.PT)
- Pro-rector of the University of Lisbon responsible for Information Systems (2009-2013)
- Manager of the Information Society Program in Portugal (2000-2002)
- Visiting Scientist at the EU Joint Research Centre (Ispra/Italy) (1990)
- Reviewer of national and international projects

Research interests:

- Network protocols, Network security
- Internet Governance





Robert Thresher
Research Fellow

Dr. Robert Thresher has more than 40 years of research, development, engineering, and management experience in wind technology, plant engineering, and aerospace systems. As a professor at Oregon State University he worked with DOE to develop early wind technologies. At NREL he has been a principal researcher developing early wind technology and an architect of the wind program at NREL and the creation of the National Wind Technology Center. He has been a strategist and spokesperson for the initiation of a national research program to develop offshore wind, wave, tidal and current energy technology. Dr. Thresher provides unparalleled expertise in research, development and commercialization of wind and ocean energy technologies.



Stephanie Thornton
CEO

Stephanie Thornton is the CEO and Founder of Clean Reach, LLC. She has spent considerable time fostering the growth of the renewable ocean energy industry across the globe, from serving as the executive director of the Oregon Wave Energy Trust, working directly with technology developers in Norway and Australia and co-founding and serving as CEO of Ocean Energy Industry Australia. Stephanie has a strong foundation of knowledge in ocean-related issues having spent 10 years of her childhood living full-time with her family on a commercial fishing boat in the West Coast of the U.S. She has a BS in Marine Science from Humboldt State University and an MBA from Golden Gate University. She holds a current Project Management Professional certification from the Project Management Institute and is an active member in the international ocean energy community. Clean Reach is Stephanie's vision and passion.



Teres Simas
Head of the Marine Environmental Area

Degree in Marine Biology and Fisheries at the Universidade do Algarve and masters and PhD in Environmental Sciences at the Universidade Nova de Lisboa. Teresa is the coordinator of the environmental team and research projects on marine environmental assessment.





Tiago Andrade e Sousa
ENONDAS/OCEAN PLUG

Tiago Andrade e Sousa is Director of ENONDAS/OCEAN PLUG and on R&D Nester (a 50%-50% JV between REN and State Grid) since September 2013.

Prior joining ENONDAS/OCEAN PLUG, Tiago worked as a lawyer at GLP - Simmons & Simmons Lawyers. Some years after he assumed senior management roles at Martifer Group within renewable energy areas. Tiago was appointed chief of staff of 2 secretaries of state of energy within the Ministry of Economy and Employment. He worked also as advisor of the secretary of state for energy back in 2004. He's working in the energy sector for more than 10 years now.

Tiago holds a Law Degree, a Post-Graduation In Tax Laws from ISEG - Universidade de Economia de Lisboa, a Post-Graduation in Energy Law (Universidade de Lisboa) and a Post-Graduation in Management from AESE.



Vanda Cascão
Partner at VdA, Vieira de Almeida e Associados

Law Degree, University of Coimbra, Faculty of Law. Post-graduation in Advanced European Studies - Legal Studies, College of Europe, Bruges, Belgium. Admitted to the Portuguese Bar Association.

Joined Vieira de Almeida & Associados in 1993 and is currently one of the partners in charge of the Projects - Infrastructure and Energy & Natural Resources practice group. In such capacity she has been involved in several transactions in Portugal and abroad, mainly focused on power sector (including renewable energies), the infrastructure sector, water and waste sector. She has also been actively working in regulation of such sectors. She worked on secondment to an Investment Bank in Lisbon and to the Linklaters Projects Group in London.



Vladimiro Miranda
Diretor of INESC TEC and of OCEANUS - Marine Research and Innovation

Vladimiro Miranda received the Ph.D. degree in Electrical Engineering from FEUP, the Faculty of Engineering of the University of Porto, Portugal, in 1982.

He presently holds the following positions: Full Professor at FEUP, Director of INESC Porto (coordinating entity of INESC TEC), Director-President of INESC P&D Brasil (an R&D private non-profit organization with headquarters in São Paulo, Brazil and Director at OCEANUS - Marine Research and Innovation.

