



Marcus Lehmann, CEO and Co-Founder

Marcus Lehmann founded CalWave in 2014 and serves as the CEO. Marcus was accepted into the first cohort of Cyclotron Road, a 2-year fellowship and incubator for entrepreneurial scientists working in clean energy at the Lawrence Berkeley National Laboratory (LBNL) that allowed the formation of the founding team. Marcus is a co-inventor of several key US and international patents and has managed CalWave's industry collaborations and relationships. In 2016, he was named in the Forbes 30 under 30 list for Energy. Marcus has previous industry experience with the major European utility E.ON and has worked for Siemens and BMW in the past. Marcus holds a M.Sc. in Mechanical Engineering from the Technical University Munich, an honors degree in Technology Management, and a Ph.D. in Systems Engineering from Technical University Hamburg-Harburg.



Daniel Petcovic, COO

Dan Petcovic joined as CalWave's COO in early 2018 to support CalWave's evolution from research to product development and commercialization. With over twenty years of experience in product development, Dan was the Program Manager for a successful 1:2 scale wave energy converter in water deployment in Scotland, making him familiar with the unique challenges in offshore wave energy demonstration deployments. Prior, Dan worked primarily in the defense industry, including at Lockheed Martin with positions largely related to field testing and customer acceptance of advanced prototype technologies, and in the US Navy Nuclear Engineering Program. Additionally, Dan has held roles in environmental remediation consulting and as a helicopter mechanic/crew chief with the US Army National Guard. Dan holds a M.Sc in Renewable Energy from Loughborough University, England, a Graduate Certificate in Marine Hydrokinetics from Instituto Superior Tecnico (IST), Portugal, a M.Sc in Information Technology from Florida Institute of Technology, and a Bachelors in Electrical Engineering from UCLA. He is a licensed Professional Engineer (P.E.), Journeyman Electrician, and holds formal certifications in Construction Management and Lean Six Sigma.



Thomas Boerner, CTO and Co-Founder

Thomas Boerner serves as CTO and has been leading the hydrodynamics and controls engineering at CalWave since the company's inception. Thomas is a co-inventor of CalWave's key patents and trade secrets. Next to completing his Ph.D. in holistic control strategies for wave energy conversion at the Hamburg University of Technology (TUHH), he holds a M.Sc. in Energy Technologies as well as an M.Sc. in Economics from RWTH Aachen University. After working in the wind turbine industry with Bosch Rexroth in China and Germany, focusing on pitch and yaw control mechanisms, Thomas started his work on novel wave energy conversion methods at UC Berkeley. During the earliest days of CalWave's technology development, Thomas evolved state-of-the-art Hardware-In-The-Loop (HIL) and numerical modeling environments for application towards wave energy conversion. These crucial tools allowed the derivation of CalWave's unique Holistic Control platform applicable to all of CalWave's WEC technologies and scales.



Nigel Kojimoto, Lead Mechanical Design and Co-Founder

Nigel Kojimoto is the Lead Mechanical Design Engineer at CalWave and co-inventor of CalWave's xNode provisional patent. With a M.Sc. from MIT, he contributes expertise in hydraulics, Solidworks computer-aided design (CAD), rapid prototyping, and LabVIEW. Nigel led the mechanical and structural design effort for CalWave's open ocean pilot system.



Josiah Clark, Mechanical Design

Josiah Clark is a Mechanical Design Engineer. He joined CalWave in 2019 after receiving a B.Sc. in mechanical engineering from Stanford University. He contributes experience in modeling belt fatigue and stress elements, Solidworks/Fusion360 CAD and FEA, rapid prototyping, and drafting.



Julie Mai, Head of Communications

Julie Mai serves as the Head of Communications for CalWave and has been leading the company's communications and public relations strategy since 2020. Her work is centered around amplifying the importance and value of CalWave's technology in conversations around clean energy innovation and climate change. Julie comes from a social impact and business background, having spent the last decade learning and helping social entrepreneurs tackle the world's most urgent challenges from education, health, and public safety to poverty alleviation. Julie also consults for other stakeholders within the sustainability ecosystem to bridge the gap between innovation and strategic insights for climate action. She holds an MBA with concentrations in Managerial Leadership and Social Responsibility and Sustainable Enterprises from the University of San Diego.



Ryan Davidson, Business Development Lead

Ryan Davidson leads CalWave's business development efforts as the company moves toward commercialization of the xNode, x100, and x800 devices using his understanding of CalWave's target markets and of global coastal geography and wave energy resources. With prior experience in executive leadership coaching for the John and Ann Doerr Institute for New Leaders and a B.A. in economics from Rice University, he joined CalWave in 2021.