



Go Green Radio Friday at 9 AM Pacific

December 05th 2014: Special Encore Presentation: A Whole New Engineer – The Coming Revolution in Engineering Education

Go Green Radio listeners know that some of the greatest challenges facing humanity in the 21st century will require innovations in engineering that will continue to supply energy, water, food and "joy" to the world's burgeoning population. Today's guests, David Goldberg and Mark Somerville, are pioneers helping to create the educational framework that will produce the engineers we need for a thriving society. How can we "humanize" engineering education and create the kind of culture that produces creative problem solvers capable of envisioning and building a better tomorrow? Tune in and find o

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Featured Guests



David E. Goldberg

David E. Goldberg is president of Big Beacon, a nonprofit organization founded as a movement for the transformation of engineering education. He is known as an author, educator, entrepreneur, and artificial intelligence researcher. Author of the widely cited bestseller Genetic Algorithms in Search, Optimization, and Machine Learning and co-founder of ShareThis, in 2007 he co-founded the Illinois Foundry for Innovation in Engineering Education (iFoundry). In 2010 he resigned his tenure and professorship at the University of Illinois to work full time for the transformation of engineering education. As a movement leader, leadership coach, and change management consultant, Dave now works with

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Mark Somerville

Mark Somerville is Professor of Electrical Engineering and Physics at Olin College where he currently serves as Associate Dean for Faculty Affairs and Development at Olin. In this capacity, he led a complete re-design of Olin's faculty hiring, faculty development, and faculty reappointment and promotion procedures. Mark is increasingly recognized as a thought leader for the transformation of engineering education. His short courses on educational change and curriculum design are regularly attended by hundreds of faculty from scores of institutions of higher learning around the globe. A Rhodes scholar, Mark received a dual degree in electrical engineering and English from the University o

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