

Jeff J. Ronning, PE

VP Hybrid Technology



Contact

Bright Automotive, Inc

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Experience Summary

Jeff J. Ronning – As the architect of the hybrid system for the predecessor of the Bright IDEA, Jeff is a founding member of the Bright team, transferring from Rocky Mountain Institute at the spin-off.

Jeff was a pioneer in developing hybrid and EV systems, components, and related thermal management details. At RMI Jeff provided advanced systems engineering and design concept validation, as well as technical direction for clients to maximize vehicle efficiency and to inform hybrid architecture selection and system proportions. He also researched vehicle-to-grid systems and served on the Automotive X-Prize committee to refine the rules and metrics for energy and emissions. During his 17 years with Delphi, Jeff was the battery and electric drive systems thermal scientist for the GM EV1 and hybrid vehicle programs and led a 1997 development team that converted and EV1 to a plug-in hybrid. He performed hybrid vehicle and fuel cell system simulations and designed advanced heat sinks for power electronics. His early career was spent at General Motors Research Labs and Ronning Engineering, his father's corporation.

Jeff enjoys his family time and volunteers as a youth soccer coach.

Jeff is a Professional Engineer and has served on the SAE lecture circuit. He has authored numerous publications, including a groundbreaking 1997 PHEV work for SAE. Jeff holds eight U.S. patents in hybrid and electric vehicle components and systems. Jeff has a B.S. in Mechanical Engineering from Kansas State University.

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For more information,
www.brightautomotive.com

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