

March 9, 2021



# Resonant Appoints Dr. Raafat Mansour to Advisory Board's Technical Advisory Committee

## RF Engineering Expert to Join Advisory Leadership

AUSTIN, Texas, March 09, 2021 (GLOBE NEWSWIRE) -- Resonant Inc. (NASDAQ: RESN), a provider of radio frequency (RF) filter solutions developed on a robust intellectual property platform, designed to connect People and Things, has appointed Dr. Raafat Mansour to its Technical Advisory Committee.

Dr. Mansour joins Resonant's Technical Advisory Committee with over 35 years of technical and management positions in complex RF filters and RF MEMS both in industry and academia. He is the Canada Research Chair in Micro-Nano Integrated RF Systems and Professor of Electrical and Computer Engineering at the University of Waterloo, where he is also the Founding Director of the Centre for Integrated RF Engineering (CIRFE). Dr. Mansour is an IEEE Fellow, a Fellow of the Canadian Academy of Engineering (CAE), and co-authored "Microwave Filters for Communication Systems: Fundamentals, Design, and Applications," an in-depth look at the state-of-the-art in microwave filter design, implementation, and optimization. He is credited with 37 U.S. and Canadian patents and has published over 350 papers.

Having co-founded two companies focused on the development of advanced microsystems, AdHawk Microsystems and ICSPI, Dr. Mansour brings extensive technical experience in the RF industry to Resonant, where he will advise the Company on advancing the further development of XBAR® technologies.

"We are pleased to welcome Raafat to our Technical Advisory Committee, which we recently formed to strengthen our advisory board with leading technical thought leadership," said George B. Holmes, Chairman and CEO of Resonant. "His background in RF engineering and intellectual property will be invaluable as we move forward with the commercialization of our XBAR® solutions."

Dr. Mansour commented: "I look forward to the opportunity of advising the Resonant team as the company advances its cutting-edge RF filter solutions, which I believe to be disruptive as the industry moves towards next-generation networks. Alongside the group of experts that recently joined the committee, I hope to provide the company with insightful perspectives as it works to address the complex challenges its customers face."

### **About Resonant Inc.**

Resonant (NASDAQ: RESN) is transforming the market for RF front-ends (RFFE) by disrupting the RFFE supply chain through the delivery of solutions that leverage our Infinite Synthesized Network (ISN) design software tools platform, capitalize on the breadth of our

IP portfolio, and are delivered through our services offerings. In a market that is critically constrained by limited designers, tools and capacity, Resonant addresses these critical problems by providing customers with ever increasing design efficiency, reduced time to market and lower unit costs. Customers leverage Resonant's disruptive capabilities to design cutting edge filters and modules, while capitalizing on the added stability of a diverse supply chain through Resonant's fabless ecosystem-the first of its kind. Working with Resonant, customers enhance the connectivity of current mobile devices, while preparing for the demands of emerging 5G applications.

To learn more about Resonant, view the series of videos published on its website that explain Resonant's technologies and market positioning:

- [Resonant Corporate Video](#)
- [ISN and XBAR: Speeding the Transition to 5G](#)
- [Infinite Synthesized Networks, ISN Explained](#)
- [What is an RF Filter?](#)
- [RF Filter Innovation](#)
- [Transforming the Mobile Filter Supply Chain](#)

For more information, please visit [www.resonant.com](http://www.resonant.com).

Resonant uses its website (<https://www.resonant.com>) and LinkedIn page (<https://www.linkedin.com/company/resonant-inc-/>) as channels of distribution of information about its products, its planned financial and other announcements, its attendance at upcoming investor and industry conferences, and other matters. Such information may be deemed material information, and Resonant may use these channels to comply with its disclosure obligations under Regulation FD. Therefore, investors should monitor the company's website and its social media accounts in addition to following the company's press releases, SEC filings, public conference calls, and webcasts.

### **About Resonant's ISN<sup>®</sup> Design Technology**

Resonant can create designs for difficult bands, modules and other complex RF Front End requirements that we believe have the potential to be manufactured for half the cost and developed in half the time of traditional approaches. ISN is a suite of proprietary mathematical methods, software design tools and network synthesis techniques that enable us to explore a much larger set of possible design solutions that regularly incorporate our proprietary technology. We then quickly deliver design simulations to our customers, which they manufacture or have manufactured by one of our foundry partners. These improved solutions still use Surface Acoustic Wave (SAW) or Temperature Compensated Surface Acoustic Wave (TC-SAW) manufacturing methods and perform as well as those using higher cost manufacturing methods such as Bulk Acoustic Wave (BAW). Resonant's method delivers excellent predictability, enabling achievement of the desired product performance in roughly half as many turns through the fab. In addition, because Resonant's models are fundamental, integration with its foundry and fab customers is seamless because its models speak the "fab language" of basic material properties and dimensions.

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Source: Resonant Inc.