

July 25, 2017



## Akoustis® Technologies to Present at ICNS Conference on July 27th

Charlotte, N.C., July 25, 2017 (GLOBE NEWSWIRE) -- Akoustis Technologies, Inc. (NASDAQ: [AKTS](#)) ("Akoustis" or the "Company"), a manufacturer of patented single-crystal BulkONE® bulk acoustic wave (BAW) high-band RF filters for mobile and other wireless applications, announced that Shawn Gibb, Chief Materials Scientist, will present at the 12<sup>th</sup> International Conference on Nitride Semiconductors (ICNS-12), to be held July 24-28<sup>th</sup> in Strasbourg, France. The ICNS-12 conference is a biennial meeting where industry experts will present high impact scientific and technological advances in materials and devices based on group-III nitride semiconductors.

Mr. Gibb will make a presentation in Session C: Electronic Devices on Thursday July 27, 2017 titled "**Single Crystal AlN Films with Improved Elastic and Piezoelectric Properties for Bulk Acoustic Wave Filters**".

Akoustis is pioneering next-generation material science to address the market requirements for improved RF filters - targeting higher bandwidth, higher operating frequencies and higher output power compared to incumbent polycrystalline BAW technology deployed today. Superior performance is driven by the significant advances of high-purity, single-crystal piezoelectric materials and the resonator-filter process technology. The advanced material properties drive electro-mechanical coupling, which translates to wide filter bandwidth. High-band RF filters are achieved by leveraging the Company's high-sound velocity, single-crystal piezoelectric materials. These single-crystal piezoelectric materials offer high-thermal conductivity along the path of heat flow, enabling high-power handling capability of the RF filter.

### About Akoustis Technologies, Inc.

Akoustis® (<http://www.akoustis.com>) is a high-tech RF filter solutions company that designs and manufactures its unique, patented BulkONE® technology to produce single-crystal bulk acoustic wave (BAW) RF filters for mobile and other wireless markets, which facilitate signal acquisition and accelerate band performance between the antenna and digital back end. Its BulkONE® technology will service the fast growing multi-billion dollar market of device OEMs, network providers, and consumers to diminish Front End phone heat, battery drain and signal loss -- all considered to be directly related to current RF polycrystalline filter technologies' limitations. Akoustis' capital-efficient business model leverages new and existing investments in manufacturing infrastructure within the semiconductor industry. The

Company owns and operates a 120,000 sq. ft. ISO-9001 certified commercial wafer-manufacturing facility located in Canandaigua, NY, which includes a state-of-the-art class 100 / class 1000 cleanroom facility - tooled for 150-mm diameter - for the design, development, fabrication and packaging of RF filters, MEMS and semiconductor devices. Akoustis is headquartered in the Piedmont technology corridor between Charlotte and Raleigh, North Carolina.

## **Forward-Looking Statements**

Statements in this press release that are not descriptions of historical facts are forward-looking statements, which are based on management's current expectations and assumptions and are subject to risks and uncertainties. In some cases, you can identify forward-looking statements by terminology, including "anticipates," "believes," "can," "continue," "could," "estimates," "expects," "intends," "may," "plans," "potential," "predicts," "should," "will," "would" or the negative of these terms or other comparable terminology. Factors that could cause actual results to differ materially from those currently anticipated include, without limitation,

- risks relating to the results of our research and development activities, including uncertainties relating to semiconductor process manufacturing;
- the early stage of our BulkONE<sup>®</sup> technology presently under development;
- our ability to protect our intellectual property rights that are valuable to our business, including patent and other intellectual property rights;
- our ability to successfully market and sell our technologies;
- the size and growth of the potential markets for any of our technologies, and the rate and degree of market acceptance of any of our technologies;

In light of these risks, uncertainties and assumptions, the forward-looking statements regarding future events and circumstances discussed in this press release may not occur, and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements. You should not rely upon forward-looking statements as predictions of future events. The forward-looking statements included in this presentation speak only as of the date hereof, and, except as required by law, we undertake no obligation to update publicly or privately any forward-looking statements for any reason after the date of this presentation to conform these statements to actual results or to changes in our expectations. The materials do not constitute an offer to sell, or the solicitation of any offer to buy, any securities of Akoustis, or any other entity whatsoever. Any representation to the contrary by any party should be ignored.

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