



*Defense of a Doctoral Dissertation*

*Design and Implementation of Solid/Solid Phononic Crystal Structures In Lateral Extensional Mode Thin-film Piezoelectric on Silicon Micromechanical Resonators*

by

**Abdulrahman Alsolami**

*for the Ph.D. degree in*

Electrical Engineering

Friday, November 6, 2020

11:30 A.M.

THE PUBLIC IS INVITED

**Examining Committee:**

Major Professor: Jing Wang, Ph.D.

Chair: Ghanim Ullah, Ph.D.

Committee: Thomas Weller, Ph.D.

Arash Takshi, Ph.D.

Rasim Guldiken, Ph.D.

Jiangfeng Zhou, Ph.D.

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[https://teams.microsoft.com/l/meetup-](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NjljZjA1YWEtZDc0Zi00MTI2LTkyNWUtNWU2YWU2MTdkOGM1%40thread.v2/0?context=%7b%22id%22%3a%22741bf7de-e2e5-46df-8d67-82607df9deaa%22%2c%22oid%22%3a%22c1d19e6a-11f2-410e-bb64-749b4b7a1940%22%7d)

[join/19%3ameeting\\_NjljZjA1YWEtZDc0Zi00MTI2LTkyNWUtNWU2YWU2MTdkOGM1%40thread.v2/0?context=%7b%22id%22%3a%22741bf7de-e2e5-46df-8d67-82607df9deaa%22%2c%22oid%22%3a%22c1d19e6a-11f2-410e-bb64-749b4b7a1940%22%7d](https://teams.microsoft.com/l/meetup-join/19%3ameeting_NjljZjA1YWEtZDc0Zi00MTI2LTkyNWUtNWU2YWU2MTdkOGM1%40thread.v2/0?context=%7b%22id%22%3a%22741bf7de-e2e5-46df-8d67-82607df9deaa%22%2c%22oid%22%3a%22c1d19e6a-11f2-410e-bb64-749b4b7a1940%22%7d)

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