

Reem Abdullah Alsaigh

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Riyadh, Saudi Arabia

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OVERVIEW

Native Arabic speaker, English (spoken and written).

Native Saudi, born.

Experience & Education background: physics

EDUCATION

- Ph.D in physics in Jun 2016, University of Exeter, United Kingdom
- M.S in physics in 2005, King Saud University, Kingdom of Saudi Arabia
- B. Ed. in Physics in 1999, King Saud University in Riyadh, Saudi Arabia

WORK EXPERIENCE

- 2016-current, Assistant Professor at the Department of Physics, King Saud Univ., Riyadh, KSA.R
- 2006-2016 Lecturer at the Department of Physics, King Saud Univ., Riyadh, KSA.

SKILLS

- Languages: Arabic mother language, English spoken and written.
- Computer: expert in MS Office

Membership of Committees and other administrative contributions

- Member, Examinations monitoring Committee, Physics Department, KSU
- Member, Academic Schedules Committee, Physics Department, KSU
- Member, Academic Advisory committee, Physics Department, KSU.
- Chief Member, Social Committee, Physics Department, KSU.
- Member, Development and quality committee
- Coordinator of postgraduate committee in female section, physics department, King Saud University
- Coordinator of development and quality committee in female section, physics department, King Saud University

EXPERIMENTAL EXPERIENCES:

Expert in:

- ultrashort pulse laser spectroscopy.
- operation and alignment of femtosecond lasers

CONFERENCES:

- Participate in the MRS conference in Boston, USA, December 2013.

- Attendance, " **Nanotechnology Conferences in KSU**. 2008
- Attendance, " Third meeting of the Saudi Physical Society " King Abdul-Aziz City of Science and Technology (KACST), Riyadh, KSA. 18-20 /Dec/2006

Workshops, Training and Poster:

- How to visualize your data, Exeter University
- Sharing data , Exeter University
- Avoiding plagiarism and academic misconduct, Exeter University
- IOP Magnetism Group and the IEEE Magnetism Chapter Joint Workshop: X-rays and Magnetism 17 Nov 2011, Diamond Light Source, United Kingdom
- Laser safety, Exeter university
- development of science and mathematical education, The excellent center of science and mathematics education, KSU
- safety and security in our life, Scientific committee, KSU
- Three month (ICDL), new horizon center, 2008.
- Poster " **study of protoporphyrin level in blood induced by ALA**" Third meeting of the Saudi Physical Society, King Abdul-Aziz City of Science and Technology (KACST), Riyadh, KSA.

Volunteer work within KSU:

- Giving a lecture titled " Laser fundamental" for physics department staff and students
- Participating in organizing "University and Society week"
- Participating in Open Day Activities at KSU
- Participating in organizing a workshop titled "Information Highway" for KSU students, 2005.

Courses Taught During working in KSU:

- 106 phys, general physics for health sciences students
- 101 phys, general physics for c science students
- 102 phys, general physics-2 for college of science students
- 292 phys, electromagnetic physics lab for physics students
- 101 rad general physics
- 103 phys general physics for computer science students
- 110 phys general physics-1 for physics students
- 111 phys general physics-2 for physics students
- 391 phys thermodynamic lab for physics students
- 456 phys atomic and molecular spectra
- 490 research skills for physics students

PUBLICATIONS:

- R. Alsaigh, A. Shalini, G.P. Srivastava, R. J. Hicken and R. Calarco, Excitation and detection of coherent optical phonon modes in epitaxial cubic $\text{Ge}_2\text{Sb}_2\text{Te}_5$ thin films of different crystallographic orientation, Materials Research Society Symposium Proceedings, 1661, (2014).
- R. A. Alsaigh¹, L. Shelford¹, H. Mohamad¹, A. Shalini¹, U.A.S. Al-Jarah¹, G. P. Srivastava¹, R. J. Hicken¹, V. Bragallia² and R. Calarco², Optical phonons of cubic epitaxial GST/InAs(111) structures, under publication.

- Ilahi, Bouraoui. Al-saigh, Reem. Salem, Bassem, Impact of the wetting layer thickness on the emission wavelength of direct band gap GeSn/Ge quantum dots, Materials Research Express, 2017, under publication

MISCELLANEOUS INFORMATION

- Marital Status: Married
- Birthplace: Saudi Arabia
- Saudi Citizen