

SAAD ALI ALGARNI

King Saud University , Department of physics and Astronomy
Riyadh, Saudi Arabia

Mobile No.: 0503014991

E-mail: SAAALGARNI@ksu.edu.sa

EDUCATION

2008 - 2015 Worcester Polytechnic Institute Worcester, MA, USA

Doctor of Philosophy in Physics of Laser and Laser Applications.
Development and Application of an Area Recorded Generalized Optical Scattering Technique.

2005 - 2008 Worcester Polytechnic Institute Worcester, MA, USA
Master of Sciences in Physics

1992 - 1997 King Saud University Riyadh, Saudi Arabia
Master of Sciences in Physics
Optimization of Transient grating formed in Dichromated sugar solutions

1984 - 1989 King Saud University
Riyadh, Saudi Arabia
Bachelor of Sciences in Physics.
Characteristics of Helium Neon Lasers

WORK EXPERIENCE

2014 - Current King Saud University Riyadh, Saudi Arabia
Assistant professor in the Department of Physics and Astronomy.

2000 - 2005 King Saud University Riyadh, Saudi Arabia
Lecturer in the Department of Physics.

1990 - 2005 Ministry of Education Riyadh - Saudi Arabia
Senior teacher of Physics High schools.

SKILLS

Programming in Fortran 77, C, and C++
Autocad
LabView
Latex
Machining -Milling and lathing
Computer hardware parts

CONFERENCES AND WORKSHOPS

APS March Meeting 2015

Volume 60, Number 1

Monday–Friday, March 2–6, 2015; San Antonio, Texas

Abstract: Q47.00004 : Observations of Bacterial Behavior during Infection Using the ARGOS Method

APS Mar Meeting 2015

Volume 60, Number 1

Monday–Friday, March 2–6, 2015; San Antonio, Texas

Abstract: Q47.00009 : Population Dynamics of the Stationary Phase Utilizing the ARGOS Method

APS March Meeting 2013

Volume 58, Number 1

Monday–Friday, March 18–22, 2013; Baltimore, Maryland

Abstract: W21.00015 : Development of an image-analysis light-scattering technique

APS March Meeting 2011

Volume 56, Number 1

Monday–Friday, March 21–25, 2011; Dallas, Texas

Abstract: W21.00001 : Particle distribution and dynamics in a complex fluid suspension studied by an image-analysis light-scattering technique

Computational Biophysics Workshop - Champaign, Aug. 10-14, 2009

Introduction to Protein Structure and Dynamics

Statistical Mechanics of Proteins

Introduction to Bioinformatics

Parameters for Classical Force Fields

Simulating Membrane Channels

LANGUAGES

- **Arabic:** Native.
- **English:** Second language

RESEARCH AND PUBLICATIONS

Will be updated later