

Full Name: AL LETHAWE Mohammed Abdulridha Wannas

Place of Birth: Iraq

Date of Birth: 24/12/1977

Nationality: Iraqi

**Language: Arabic (Native)
English
French (intermediate)**



**Place of work: Physics Department, Science Faculty, Muthanna University,
66001 Samawa, IRAQ.**

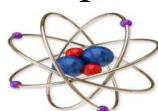
Mobile No. : +9647808393690

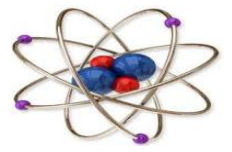
E-mail: ahmednamah@mu.edu.iq

ACADEMIC SCIENTIFIC RANK

- Assistant Lecturer at 2007.

FELLOWSHIP





QUALIFICATION

- **PhD. (Phononic Crystal), UFC University, Besancon, France (2015).**
- **M.Sc. (Sold state and Materials), AL Mustansiriyah University, Baghdad, Iraq (2006).**
- **B.Sc. (Physics), AL Kufa University, Al najaf, IRAQ (2002).**

Title of the PhD Thesis

Band gaps and waveguiding of surface acoustic waves in pillar based phononic crystals.

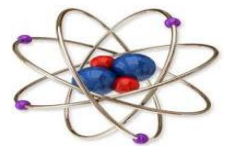
Title of the MSc Thesis

Preparation of a thermal low density brick from local waste

POSITION HELD

COURSES TAUGHT

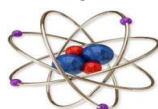


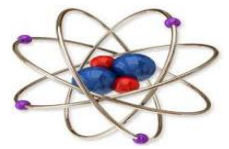


A- UNDER GRADUATE

No.	Subject	Study Stage	Department
1	classical mechanics	First	Physics
2	Properties of matter	Second	Physics
3	solid state physics	Fourth	Physics
4	Computer operating system <i>XP</i> And Office 2007	First	Physics
5	Lab. Mechanical	First	Physics
6	Lab. Computer	First	Physics
7	General Physics	First	Biology
8	Lab. Mechanical	First	Biology

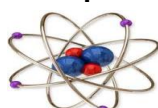
B- POSTGRADUATE

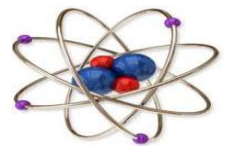




C- PUBLICATIONS

PAPERS	
1	Mohammed Al Lethawe , Mahmoud Addouche, Sarah Benchabane, Vincent Laude, and Abdelkrim Khelif, “ <i>Guidance of surface elastic waves along a linear chain of pillars</i> ”. AIP Advances 6 , 121708 (2016).
2	Mahmoud Addouche, Mohammed A. Al-Lethawe , Aliyasin Elayouch, and Abdelkrim Khelif, “ <i>Subwavelength waveguiding of surface phonons in pillars-based phononic crystal</i> ”. AIP Advances 4 , 124303 (2014).
3	Mahmoud Addouche, Mohammed A. Al-Lethawe , Abdelkrim Choujaa, and Abdelkrim Khelif, “ <i>Superlensing effect for surface acoustic waves in a pillar-based phononic crystal with negative refractive index</i> ”. Appl. Phys. Lett. 105 , 023501 (2014).
4	Mohammed Al Lethawe , Mahmoud Addouche, Abdelkrim Khelif, and Sébastien Guenneau “ <i>All-angle negative refraction for surface acoustic waves in pillar-based two-dimensional phononic structures</i> ”. New Journal of Physics, 14 , December (2012).
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D- CONFERENCES

1	Phononics 2015: The Third International Conference on Phononic Crystals/Metamaterials, Phonon Transport and Phonon Coupling, 31 May-5 June 2015, Paris, France.
2	Scientifique Interne FEMTO-ST. Besançon, France 2014.
3	GDR Waves, «Wave interference». Dijon, France 2013.
4	“CONTROLLING WAVE PROPAGATION IN COMPLEX MEDIA : FROM SHAPING WAVE FIELDS TO DESIGNING SMART MATERIALS ”. May 27th - June 1st, 2013 Institut Scientifique de Cargèse, Corsica, France.

