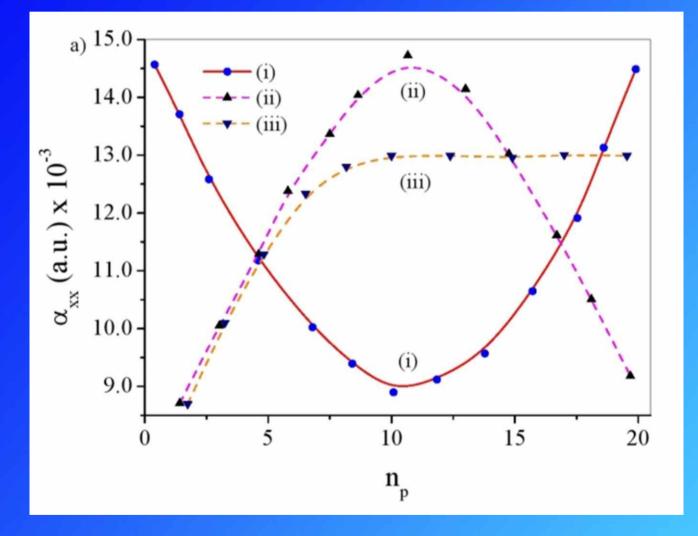


# **Open Journal of Microphysics**





www.scirp.org/journal/ojm

## **Journal Editorial Board**

ISSN 2162-2450 (Print) ISSN 2162-2469 (Online)

http://www.scirp.org/journal/ojm

.....

**Editor-in-Chief** 

Prof. Stefano Moretti

University of Southampton, UK

## **Editorial Board**

Prof. Run-Ping Jia	Shanghai Institute of Technology, China
Prof. Stanislaw Kistryn	Jagiellonian University, Poland
Prof. Junhui Li	Central South University, China
Prof. Yongfeng Li	China University of Petroleum, China
Prof. Shijun Liao	South China University of Technology, China
Prof. Fengshan Liu	Institute for Chemical Process and Environmental Technology, Canada
Dr. Yu Lu	Stanford University, USA
Prof. Eugene Oks	Auburn University, USA
Prof. José Antonio Oller	Universidad de Murcia, Spain
Dr. Rafael Rodríguez Pérez	University of Las Palmas de Gran Canaria, Spain
Dr. Weihong Qi	Central South University, China
Prof. Jorge M. Seminario	Texas A & M University, USA
Prof. Ping-Zhan Si	China Jiliang University, China
Prof. Hisham M. Widatallah	Sultan Qaboos University, Oman
Dr. Yu Zeng	Duke University, USA



## **Table of Contents**



#### February 2015

#### Polarizabilities of Impurity Doped Quantum Dots under Pulsed Field: Role of Additive White Noise

S. Saha, M. Ghosh.....1

The figure on the front cover is from the article published in Open Journal of Microphysics, 2015, Vol. 5, No. 1, pp. 1-10 by Surajit Saha and Manas Ghosh.

### **Open Journal of Microphysics (OJM)**

#### **Journal Information**

#### SUBSCRIPTIONS

The *Open Journal of Microphysics* (Online at Scientific Research Publishing, <u>www.SciRP.org</u>) is published quarterly by Scientific Research Publishing, Inc., USA.

#### Subscription rates:

Print: \$69 per issue. To subscribe, please contact Journals Subscriptions Department, E-mail: <u>sub@scirp.org</u>

#### SERVICES

Advertisements Advertisement Sales Department, E-mail: <u>service@scirp.org</u>

Reprints (minimum quantity 100 copies) Reprints Co-ordinator, Scientific Research Publishing, Inc., USA. E-mail: <u>sub@scirp.org</u>

#### COPYRIGHT

#### COPYRIGHT AND REUSE RIGHTS FOR THE FRONT MATTER OF THE JOURNAL:

Copyright © 2015 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY). http://creativecommons.org/licenses/by/4.0/

#### COPYRIGHT FOR INDIVIDUAL PAPERS OF THE JOURNAL:

Copyright © 2015 by author(s) and Scientific Research Publishing Inc.

#### **REUSE RIGHTS FOR INDIVIDUAL PAPERS:**

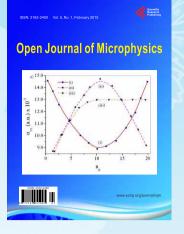
Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

#### DISCLAIMER OF LIABILITY

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

#### **PRODUCTION INFORMATION**

For manuscripts that have been accepted for publication, please contact: E-mail: <u>ojm@scirp.org</u>



## **Open Journal of Microphysics**

Call for Papers

ISSN 2162-2450 (Print) ISSN 2162-2469 (Online) http://www.scirp.org/journal/ojm

#### **Editor-in-Chief**

Prof. Stefano Moretti

University of Southampton, UK

**Open Journal of Microphysics (OJM)** is an international journal dedicated to the latest advancement of microphysics. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of microphysics.

All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

- Atomic Physics
- Electronic Physics
- Materials Physics
- Molecular Physics
- Nuclear Physics

- Particle Accelerator Physics
- Particle Cosmology
- Particle Physics
- Quantum Mechanics

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the **OJM**.

We are also interested in: 1) Short Reports—2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews—Comments and critiques.

#### Website and E-Mail

http://www.scirp.org/journal/ojm E-mail: ojm@scirp.org

#### What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

#### What is Open Access?

Art and Design Review

Advances in

ldvances in Biological hemistry Entomology

Applied Mathematics

Engineering

entiti e

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Soft

Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org