

Scientific Program



3rd International Conference on

Nuclear and Plasma Physics

&

4th International conference on

Quantum Physics and Quantum Technology

November 05-06, 2018 | London, UK

UK: Conference Series LLC Ltd
47 Churchfield Road, London, W3 6AY
Toll Free: +0-800-014-8923

DAY-1

November 05, 2018

Meeting Hall: **Bleriot 1**

08:30-09:00 Registrations

Opening Ceremony **09:00-09:30**

KEYNOTE FORUM

Introduction

09:30-10:15 **Title: A unitary relativistic quantum theory of the dissipative tunneling**
Eliade Stefanescu, Simion Stoilow Institute of Mathematics of the Romanian Academy, Romania

10:15-11:00 **Title: Laser-driven high energy density radiative blast waves launched in clustered gases**
Daniel Symes, STFC Rutherford Appleton Laboratory, UK

Networking & Refreshments 11:00-11:20 @ Foyer

GROUP PHOTO 11:20- 11:30 @ BLEROIT 1

PLENARY SESSION

11:30-12:10 **Title: Innovative radioactive graphite waste management in fission and fusion material decommissioning**
Guenter Mank, Julich disposal company for nuclear plants mbH, Germany

Sessions: Plasma Physics | Quantum Science & Technology | Nuclear Physics | Plasma in Laser | Magnetic Confinement Fusion | Quantum Mechanics | Quantum Optics | Quantum Information & Quantum Computing | Quantum Condensed Matter Physics

Chair: Eliade Stefanescu, Simion Stoilow Institute of Mathematics of the Romanian Academy, Romania

Co-Chair: Adele Lauria, University of Naples Federico II, Italy

INTRODUCTION

12:10-12:40 **Title: The FOOT (Fragmentation of Target) experiment: A nuclear fragmentation measurement for particles-therapy and space radio-protection**
Adele Lauria, University of Naples Federico II, Italy

12:40-13:10 **Title: Meissner mechanism for the spin supercurrent and influence of the critical behavior on spin transport in the frustrated Heisenberg model**
Leonardo S Lima, CEFET-MG, Brazil

Lunch Break 13:10-14:10 @ Hotel Restaurants

14:10-14:40 **Title: The nucleon-deuteron model 2017**
Linda Hutchinson, Independent Researcher, UK

14:40-15:10 **Title: 3025 - Science in Fiction**
Tina Matzat, Qbit Films, Germany

15:10-15:40 **Title: Parametric instabilities in shaken atomic gases**
Samuel Lellouch, University of Lille, France

Networking & Refreshments 15:40-16:00 @Foyer

16:00-16:30 **Title: Quantum information conservation**
Lalitha Nath, Independent Researcher, USA

16:30-17:00 **Title: On the possibility of the numeric periodicity of fundamental physical constants G, h, c and new method of their refining**
Valentyn Alekseevitch Nastasenko, Kherson State Maritime Academy, Ukraine

17:00-17:30 **Title: Mathematical methods and solitary wave solutions of three-dimensional Zakharov-Kuznetsov-Burgers equation in dusty plasma and its applications**
Abdullah, Jiangsu University, China

POSTER PRESENTATIONS 17:30-18:00

Poster Judge: Daniel Symes, STFC Rutherford Appleton Laboratory, UK

PANEL DISCUSSION

Awards & Closing Ceremony

DAY-2

November 06, 2018

Networking Lunch 12:00-13:00 @ Hotel Restaurants

Bookmark your Dates

12th International Conference on Optics, Photonics & Lasers

June 17-18, 2019 London, UK

E: photonics@physicsconferences.org

W: optics.physicsmeeting.com