

Scientific Program

15th International Conference on

Environmental Chemistry and Engineering

August 15-16, 2019 | Rome, Italy

DAY-1

August 15, 2019

Meeting Hall: **Olimpica 2**

08:30-09:30 Registrations

Opening Ceremony **09:30-09:50**

KEYNOTE FORUM

09:50-10:00 Introduction

Title: Resource- and energy-saving technologies developed by JSC "NIUIF"

10:00-10:30 **Norov Andrey M**, JSC "The Research Institute for Fertilizers and Insecto-Fungicides Named After Professor Y. Samoilov" (JSC "NIUIF"), Russia

10:30-11:00 **Title: Nano-architected design of MOFs-based catalysts**
Ge Wang, University of Science and Technology, China

GROUP PHOTO

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

Sessions: Environmental Design | Chemical & Polymer Engineering | Environmental Management & Policy | Environmental Science | Renewable Energy Sources and Storages | Environmental Climatic Factor | Pollution Control Chemistry and Green Chemistry | Environmental Ecosystem | Environmental Health | Environmental Disasters | Environmental Biotechnology

Chair: Xolile G Ncipha, South African Weather Service, South Africa

INTRODUCTION

12:00-11:40 **Title: Study on carbon dioxide atmospheric distribution over the Southwest Indian Ocean islands using satellite data: Part 2 –the influence of meteorology and air transportation**
Xolile G Ncipha, South African Weather Service, South Africa

11:40-12:00 **Title: Big data analysis on the impact of air pollutants on hospitalization of respiratory diseases in Shenzhen, China**
Liang Shi, Shenzhen Occupational Diseases Control and Treatment Center, China

12:20-12:40 **Title: Respiratory disorders in cement workers in Togo**
Hinson Antoine Vikkey, University of Abomey-Calavi, Benin

12:40-13:00 **Title: Synthesis of novel modified magnetic chitosan particles and their adsorption performance toward Cr (VI)**
Chaofan Zheng, Chongqing University, China

Lunch Break 13:00-14:00 @ Hotel Restaurants

- 14:00-14:20** **Title: Application of magnetic graphene-based composites in the area of water treatment adsorption**
Yongjuan Wang, ChongQing University, China
- 14:20-14:40** **Title: Porous support for phase change materials with superior thermal performance**
Ge Wang, University of Science and Technology, China
- 14:40-15:00** **Title: The environment-friendly technologies developed by JSC "NIUIF"**
Norov Andrey M, JSC "The Research Institute for Fertilizers and Insecto-Fungicides Named After Professor Y. Samoilov" (JSC "NIUIF"), Russia
- 15:00-15:20** **Title: The facile synthesis of $\text{Fe}_3\text{O}_4@\text{SiO}_2@\text{Ho}_2\text{TiO}_5$ core-shell nanostructures in mild circumstance and their photocatalytic activity analysis**
Mehdi Rahimi Nasrabadi, Baqiyatallah University of Medical Sciences, Iran
- 15:20-15:40** **Title: Ecological risk indices assessment of heavy metals pollution in soils selected from three auto mechanic villages in Abuja, Central Nigeria**
Ekeocha I. Christopher, National Mathematical Centre, Nigeria
- 15:40-16:00** **Title: Adsorption studies of Cr (VI), and Cu (II) metal ions from aqueous solutions by synthesized Ag and Mg co-doped TiO_2 nanoparticles**
R. Ravichandra Babu, Gitam University, India

Networking & Refreshments 15:45-16:00 @ Foyer

Panel Discussion

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DAY-2

August 16, 2019

Meeting Hall: **Olimpica 2**

Networking & Refreshments @ Foyer

Awards & Closing Ceremony