

National PhD Students Days 2021 (NPSD'21)

4th Edition, May 29-30, 2021



Call For Papers

**4TH EDITION
NPSD 2021**

**NATIONAL PHD
STUDENTS DAYS 2021**

May 29-30, 2021

All Accepted papers will be published in
Scopus, EI, and Web of Science indexed
journals.

SUBMISSION DEADLINE :

March, 15 2021

ACCEPTANCE NOTIFICATION :

April, 30 2021

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<https://npsd2021.sciencesconf.org>



National PhD Students Days 2021 (NPSD'21)

4th Edition, May 29-30, 2021

Theme: Research and Training

**The Laboratory of Engineering Sciences and Energies (Lab.SIE)
Association of Knowledge, Research and Innovation Technologies
(A.K.R.I.T)**

NPSD'2021

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NPSD 2021 Presentation

The Laboratory of Engineering Sciences and Energies (Lab.SIE), Ibn Zohr University, the Association of Knowledge, Research and Innovation Technologies (A.K.R.I.T) and CED Ibn Zohr University. Organize The Second edition of National PhD Students Days, at The Polydisciplinary Faculty of Ouarzazate.

Besides the panels during which PhD students will be able to introduce their papers which will be discussed by a senior researchers and another PhD students. It will also be open to Master's and engineering students to discover more about scientific researches. The accepted demonstrations will be presented and will appear in the proceedings of the Network PhD Students Days. The organizing committee invites the PhD Students, Professors and industrial from All Countries to participate to the **NPSD'2021**.

The primary goal of the conference is to promote research and developmental activities in Multidisciplinary topics such as Engineering & Technology, Mathematics, Management, Medical Sciences, Medicine, Social Science, Education, Agriculture, Geography, Advertising, Accounting & Finance, Signal and image processing, Business Research, Chemistry, Commerce, Computer Application, Consumer Behavior & Relationship Management, Corporate Governance, Earth Sciences, Economics, E-commerce, Bioinformatics, Bio-Medicine, Biotechnology, Geology, Entrepreneurship, Advanced Computing, Communication and Information Technology. Another goal is to promote scientific information interchange between researchers, developers, engineers, students, and practitioners working in and around the world.

We sincerely hope that **NPSD 2021** serves as an international platform for meeting researchers from around the world, widen professional contact and create new opportunities, to establish Business or research relations between Scientists and Engineers for future Collaboration.

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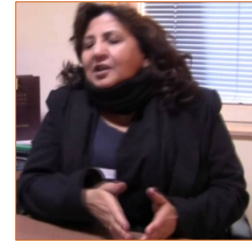


The Laboratory of Engineering Sciences and Energies (Lab.SIE)
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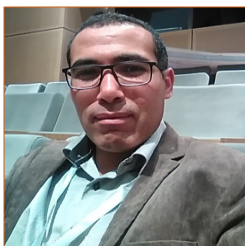
Keynote Speakers

Dr. Lalla Amina Idrissi: Director of CED – Ibn Zohr University, Agadir.



Dr. Nadia El Kadmiri: Professor at Polydisciplinary Faculty Taroudant. Associate member at the Laboratory of Genetics and Molecular Pathologies, Faculty of Medicine and Pharmacy -Casablanca. Nadia does research in Molecular Biology, Neuroscience and Genetics. Her current project is 'Biomarkers for Alzheimer's disease. Nadia El Kadmiri is the President of Moroccan Association for Research and Ethics (MARE). Fellowship responsible conduct research at San Diego California University.

Dr. Ihtiram Raza Khan is working as Associate Prof and Placement Head at Jamia Hamdard, Delhi. He has over 25 years of rich experience and has done PhD in the field of software engineering and neural networks. His research areas are Software engineering, Computer Graphics, Machine and Deep learning, Big data, Cyber security and IOT. Having successfully authored 12 text and reference books and various book chapters, he has over 60 publications in International and Indian Journals. He is senior member of IEEE and ISTE and member of many computer associations.



Dr. Mohamed Benaddy: Associate Professor at Polydisciplinary Faculty of Ouarzazate. Head of Department of Mathematics informatics and management

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Dr. Jalal Laassiri: received a Ph.D. in Computer Science, Area "Software Engineering Specification and Verification Systems" from the Mohammed V University, Faculty of sciences Rabat in 28 June 2010. He received a HDR Thesis title: «Specification and Refinement of Computer Systems Architectures "in November 2014 from the Ibn Tofail University, Faculty of sciences Kenitra . He is an Associate Professor at Ibn Tofail University, Faculty of sciences,



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Program Overview

Detailed Program

Paper ID	Author's Name	Title
NPSD2021_008	Mohamed Amine Chadi1, Hajar Mousannif2	Reinforcement Learning Based Decision Support Tool for Epidemics Control
NPSD2021_012	Nabila El Fahmy	The Music of the Text in Villa Amalia by Pascal Quignard
NPSD2021_014	Mohamed Maine1,2, Mohamed El Oumami3 and Otmane Bouksour3	Numerical study of a 2D cylinder by the URANS method in the supercritical regime
NPSD2021_016	Oumaima LEHMER1, Abderrazak El ABBADI2 and Abdelkrim EZAIDI ³	Payments for Environmental Services in Tourism: Cash for Improvement and Conservation of the Assets
NPSD2021_017	Nadia El Ouesdadi1, Sara Rochdi1 and Nabila El Fahmy2	Digital at the service of teaching and learning French studies at the time of the Covid 19 the case of the online devices of the Moroccan university
NPSD2021_019	Hajar ALOURHZAL* 1, Anas HATTABOU 1, Mohamed ECH-CHEBANY 1, Walid SIMMOU 1	Opening a new avenue for systematic future research in social entrepreneurship education
NPSD2021_020	Anas Driouch1, Latifa Oquadif 1, Abdelaziz Lahmili 1	Correlation Between Q-system and Rock Mass Rating of the Serpentine Rock Mass at the Bou Azzer Mine in the Central Anti-Atlas of Morocco.
NPSD2021_023	BOUKAIRA Salma1, and DAAMOUCHE Mohamed 2	Very small enterprises: an essay in definition
NPSD2021_026	Sanaa El Aggadi and Abderrahim El Hourch	Kinetic and isotherm studies on Reactive Blue 21 dye adsorption from aqueous solutions by CAC
NPSD2021_028_abstract	Mounir Abassi1*, El M'kaddem Kheddioui1	Estimation of soil moisture using SAR and Optical imagery in Area with Semi-arid and rainy seasons
NPSD2021_029	Lahcen Ait-Mlouk1, Mohammed Khalis1, Hassan Asnaoui1, Hmad Ouabi2, Said Elboukhari3	A Monte Carlo Investigation of the Dose Distribution for Isoseed® I25.S06 Brachytherapy Seed in Water and in Different Media

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NPSD2021_033	Imane EL Mhamedi, Anass El karkri, Zakaria El Malki, Mohammed Bouachrine	Characterization and Simulation Study of Organic Solar Cells Based on New Organic Compounds
NPSD2021_035	KASSBI Ayman1, FILALI EL GHORFI Souad2, ACHELHI Hicham2	CHARACTERIZATION OF ACCIDENTAL EXPOSURE TO BLOOD (AEB) AND THEIR OCCUPATIONAL DETERMINANTS IN BASIC HEALTH CARE INSTITUTIONS IN THE PROVINCE OF LARACHE
NPSD2021_037	Mariem Ennouhi, Sanaa El Aggadi, Mohammed El Azzouzi and Abderrahim El Hourch	Relationship between reverse osmosis membrane fouling and pretreatment in the Khenifra city plant in Morocco
NPSD2021_040	Harrat Anass1, Chaïmae Blilete2 and Ez-Zouaine Younès 3	Language Ritual” of Hassan Wahbi: When the Poetic Writing Becomes a Place of Reflexivity
NPSD2021_041	Abdelouahad Bellat1, Khalifa Mansouri1 and Abdelhadi Raihani1	Optimization of Wind Farms by Adjusting the Pitch Angle and Minimizing Wake Effects
NPSD2021_043	Paryati1, Krit Salahddine2	Fuzzy Logic Application to Complete Transportation Problems with Minimum Cost
NPSD2021_045	Idris Aboudaoud1 , Bouazza Faiz1 , Driss Izbaim1 , El Houssaine Ouacha1 , Hicham Banouni1	Theoretical determination of the criteria for bonding quality characterization in the aluminium/adhesive/aluminium multilayer by ultrasonic echo-pulse method
NPSD2021_046	A. EL OUIQARY1, EL 'MKADDEM KHEDDIOUI1, M. F. SMIEJ	Estimation of the global horizontal solar irradiation GHI for the Moroccan national territory from meteorological satellite images of the Second Generation Meteosat series MSG
NPSD2021_048	Omar DADAH1, Hammou AIT RIMOUCHE1, Ahmed MOUSRIJ2	Method of reanalysis after reconstitution of the dynamic flexibility matrix for a modified dissipative system
NPSD2021_052	Mariame OUAHI 1, Samira KHOULJ2, Mohamed Larbi KERKEB3	Feature engineering, Mining for predicting student success based on interaction with the virtual

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		learning environment using artificial neural network
NPSD2021_057	Nisrine Zougagh1, Abdelkadir Charkaoui1, Abdelwahed Echchatbi1	Ensemble learning in supply chain management
NPSD2020_75	GODIAL Khalid1 , MOUTACHAOUIK Hicham1	Customer churn Prediction with Gradient Boosting Machine. A Comparative Study