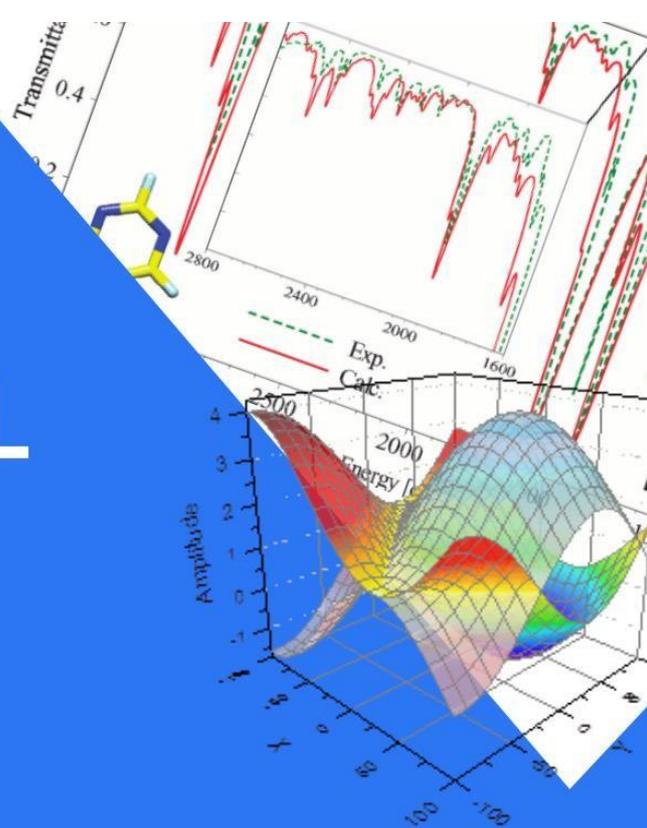




1 ST NATIONAL WORKSHOP ON SIMULATION (EXPERIMENTAL DESIGN) AND MODELING (FTIR RESOLUTION AND UV-VISIBLE BY DFT CALCULATION)



MARCH
19-21
2023



University of Biskra,
07000 Biskra, Algeria

REGISTRATION FEES:

- Teacher-Researcher (**4000 DA**)
- PhD student (**2000 DA**)
- Industrial (**6000 DA**)
- Master (**1000 DA**)

NOTE :The deadline for registration

March 15, 2023

For more information

contact: 2022nweduv@gmail.com

Objectives of the event

Good experimental design is essential for effective and efficient data collection as well as reliable research results.

This workshop is intended for people interested in designing, conducting and analyzing experiments in the chemical, physical, biological and engineering or industrial sciences. The training will examine how to design experiments, carry them out and analyze the data they produce; it will be elementary in terms of mathematics. Throughout the workshop, we focus on applications, using real world examples from the areas mentioned above.

The target audience for this session is all second and third cycle LMD students as well as teachers involved in research.

Expected results

The objective of the training in design of experiments is to provide participants with the tools and methods of analysis necessary to:

- ✚ Plan and conduct experiments effectively and efficiently
- ✚ Identify and interpret the effects of significant factors
- ✚ Develop predictive models to explain process/product behavior
- ✚ Check the validity of the models
- ✚ Apply highly efficient fractional factorial designs in screening experiments
- ✚ Manage variable, proportion and variance responses

Participants gain a solid understanding of important concepts and methods for developing predictive models that enable the optimization of product designs or manufacturing processes. They also have the opportunity to apply their knowledge by designing an experiment, analyzing the results, and using the model(s) to develop optimal solutions.

NOTE: To register, please complete the registration form.

Registration fees includes

- Access to all sessions
- E-certificate attendance

Workshop Chairman

Nouioua Asma

Invited speakers

- | | | | | |
|---|---|---|--|--|
| • Pr.Dr.Merzougui
Abdelkrim
University of Biskra | • Dr.Berkani
Mohammed
ENSB Constantine | • Dr.Merouane
Fateh
ENSB Constantine | • Dr.Seridi
Saida
University of
Guelma | • Dr. Almi
Sana
University of
Biskra |
|---|---|---|--|--|

Organizing Committee

- | | | | |
|---------------------|-----------------------------|-------------------|------------------------------|
| -Dr. Nouioua Asma | MCB Univ Biskra | -Dr. Nacer Amel | MCB Univ Biskra |
| -Dr. Almi Sana | MCA Univ Biskra | -Ben Khetta Okba | Doctorant Univ Biskra |
| -Dr. Zehani Soraya | MCA Univ Biskra | -Smaili Lakhdar | Doctorant Univ Biskra |
| -Dr. Menasra Hayet | MCA Univ Biskra | -Benbrika Chaima | Doctorant Univ Biskra |
| -Dr. Mazri Radhia | MCA Univ Biskra | -Sbaihi Amira | Doctorant Univ Biskra |
| -Dr. Adaika Kaltoum | MCA Univ Biskra | -S'AAD Badreddine | Master 2 Univ Biskra |
| - Naili Radia | Engineer Univ Biskra | | |



1st National Workshop on Simulation (Design of Experiments) and Modeling (FTIR Resolution and UV-Visible by DFT Calculation)



Workshop registration form

Name

First Name:

Last Name:

Email:

Degree:

Organization/ university :

Mobile Number:

Address:

Motivation :

NB: Please complete the registration form and send it to the following email address: 2022nweduv@gmail.com