** University of Oran of Sciences and Technology, Algeria. –USTO-MB**

**Faculty of Physics**

**The International Conference on Material Physics and Fluids**

### 27-29 November 2024, U.S.T.O-MB, ORAN.

**ICMPF-2024**

**Organized by**

**Materials and Fluids Physics Laboratory & Central Research and Development Department-SONATRACH**

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**Under the aegis of**

**Pr. Hamou Ahmed the President of the University of Oran of Sciences and Technology**

**and**

**Pr. Tebboune Abdelghani the Dean of the Physics Faculty –USTOMB**

***The International Conference on Material Physics and Fluids (ICMPF-2024) will be organized in the beautiful city of Oran, Algeria, in collaboration with the Central Research and Development Department-SONATRACH.***

***Chairmen***

**Pr. Mohamed Esseghir Ferhat & Pr. Hocine Alla**

***Presentation*:** Dear Researchers and Colleagues, It is a great pleasure to announce that the Committee of the Material Physics and Fluids Laboratory will host the International Conference on Material Physics and Fluids (ICMPF-2024) which will be held in the prestigious city of Oran (Algeria) on November 27 to 29, 2024. The ICMPF-2024 Conference aims to bring together renowned researchers and scientists to exchange ideas, to present relevant research work, to discuss hot topics in the field, and also share their experiences on all aspects of Material Physics and Fluids. The International Conference on Material Physics and Fluids (ICMPF-2024), which will be held on November 27-29, 2024, Oran, Algeria. On behalf of the committee of ICMPF-2024, we sincerely invite our research scientists in the respective fields to act as a speaker/chairman to give a lecture on the below topics. We look forward for the participation of most researchers in the field.

**Research areas: The ICMPF-2024 conference provides a premier forum for the presentation of new advances and research results in the fields of materials and fluid physics and their applications. Accordingly, the conference topics of interest include:**

**Topics**

**Topic I: Enhanced Oil Recovery and Reservoir Simulation-EOR-RS**

[**Detail\_topic I**](file:///C:\Users\Tihahit\Desktop\Conférence%20CIPMF-2023-06-06\détail_topicI.docx)

**Topic II: Material physics and renewable energies**

[**Detail\_topic II**](file:///C:\Users\Tihahit\Desktop\Conférence%20CIPMF-2023-06-06\détail_topicII.docx)

**Topic III: Physical modeling in medicine Epidemic analysis and treatment**

[**Detail\_topic III**](file:///C:\Users\Tihahit\Desktop\Conférence%20CIPMF-2023-06-06\détail_topicIII.docx)

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Pr. Gérard Vergoten, University of Lille, France.

Dr. Amina Leila Khelil, Pediatric EHS Canastel, Oran, Algeria.

Pr. Marco Marengo, University of Brighton, UK.

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Pr. **Muhammad Hashmet, United Arab Emirate University.**

**Dr.Abdelhakim Degmoum, DC R&D, SONATRACH, Algeria.**

**Mr.Maamar Djarir, PED, SONATRACH, Algeria.**

**Organizing Committee**

**Chairman: Dr. Fatiha Ghaleb**

**Dr. Fatiha Ghaleb, USTO-MB, Oran Algeria.**

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**Dr. Omar Bentata, USTO-MB, Oran Algeria.**

**Dr. Hanane Boutchiche, USTO-MB, Oran Algeria**

**Keynote speaker**

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| Pr. Mohamed Essghir Ferhat | Faculté de Physique, USTO-MB, Oran Algérie |
| Pr. Hocine Alla | Faculté de Physique, USTO-MB, Oran Algérie |
| Pr. Bachir Bouhafs | Département de Physique, Sidi Bel-Abbes, Algérie |
| Dr. Thibault Roques-Carmes | LRGP – ENSIC – Université de Lorraine, Nancy, France. |
| Dr. KHODJA Mohamed | Cadre dirigeant de la SONATRACH |
| Pr. zheyu liu | College of Petroleum Engineering,  China University of Petroleum, Beijing, China |
| Pr. Martin Wörner | Karlsruhe Institute of Technology (KIT). |
| Pr. Ali Zaoui | Ecole polytechnique de Lille, France |
| Pr. Marco Marengo | Director of the Advanced Engineering Centre, University of Brighton, UK |
| Pr. Hossein Hejazi | Department of Chemical and Petroleum Engineering, University of Calgary, CANADA. |

**Important dates:**

**Abstracts submitted to the ICMPF-2024 conference are examined by the scientific committee.**

* **The deadline of registration is Sunday, May 05,2024, at the link** [https://forms.univ-usto.dz/icmpf202**4**](https://forms.univ-usto.dz/icmpf2024) **and for receiving abstracts by using email address:** [cipmf-2024@univ-usto.dz](mailto:cipmf-2024@univ-usto.dz)**, with the mention of the number and the research area.**
* **The date of notification of acceptance is scheduled for Sunday, June 30, 2024.**
* Full papers **accepted by the ICMPF-2024 scientific committee must be sent, no later than** Sunday**,** September **15, 2024.**

# *Welcome to Oran City (Wahran)*

Oran is a major port city located in the north-west of Algeria. It is the second largest city in the country,

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