



جامعة محمد خيضر - بسكرة
كلية العلوم و التكنولوجيا



قسم الهندسة الميكانيكية
بمشاركة



EM



مخبر هندسة الطاقة والمواد
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بالتعاون مع

النادي العلمي والثقافي -الجزري- لعلوم الميكانيكا والهندسة

The Department of Mechanics Engineering

in cooperation with

LGEM & LGM Laboratories

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الملتقى العربي الثاني للميكانيكا و الهندسة

أيام 10، 11 و 12 ديسمبر 2023 - بسكرة - الجزائر

The Second Arab Conference on Mechanics and Engineering ARCME23

December 10, 11 & 12, 2023 - Biskra, Algeria

SPONSORES



النداء الأول للمشاركة في الملتقى

يسر قسم الهندسة الميكانيكية، بكلية العلوم و التكنولوجيا، جامعة بسكرة، ان يدعوكم للمشاركة في الملتقى العربي الثاني للهندسة و الميكانيكا. المزمع عقده ايام 10، 11 و 12 ديسمبر 2023

تأتي النسخة الثانية للملتقى العربي للميكانيكا و الهندسة كثمرة لنجاح الطبعة الاولى و التي انعقدت خلال 10 و 11 ديسمبر 2017 بجامعة بسكرة. كما نظم قسم الهندسة الميكانيكية، بكلية العلوم و التكنولوجيا، جامعة بسكرة العديد من التظاهرات العلمية الناجحة منها: الملتقى الوطني لهندسة الميكانيكا، يومي 7 و 8 ديسمبر 2011، الأيام الدراسية حول هندسة الميكانيكا: طرائق التشكيل المواد والطاقات المتجددة، يومي 29 و 30 أبريل 2013، الأيام الدراسية الأولى والثانية حول المواد في هندسة الميكانيكا، أيام 14 و 15 أبريل 2013 و 22 و 23 أبريل 2014، الملتقى الأول حول هندسة الميكانيكا، الطاقة و المواد، يومي 8 و 9 ديسمبر 2015.

الهدف الرئيس للملتقى العربي الثاني للميكانيكا و الهندسة هو تدعيم تبادل الأفكار والخبرات حول أحدث الأبحاث النظرية والتطبيقية ذات الصلة بهندسة الميكانيكا وتطبيقاتها. و كذا التواصل بين القطاعين البحثي والصناعي لأجل تثمين البحث وإقامة شراكة مثمرة مع المحيط الاقتصادي والاجتماعي. بالموازاة مع أعمال الملتقى، وبهدف النشر الواسع للأفكار وتعميم الفائدة منها، يتم اختيار أفضل المشاركات لنشرها.

FIRST CALL FOR PAPERS

The Department of Mechanical Engineering of the Faculty of Sciences and Technology of the University of Biskra, are pleased to invite you to participate in the Second Arab Conference on Mechanics & Engineering (ARCME 2023), that will be held on December 10, 11 & 12, 2023 at the University of Biskra.

The organization of the ARCME 2023 represented the continuity of the successful previous edition ARCME 2017 and also for the events that was held at the University of Biskra, namely : National Seminar on Mechanical Engineering, SNGM, December 7-8, 2011; Workshop on Mechanical Engineering, JEGM, April 29-30, 2013; First and second workshops on Mechanical and Material Engineering, JEMGM, April 14-15, 2013 & April 22-23, 2014; 1ST Conference on Mechanical, Energy and Material Engineering, CMEME 2015, December 8 - 9, 2015.

The main goal of the ARCME is to promote the exchange of recent advances and researches in theoretical and experimental aspects of mechanical and engineering. The ARCME aims to encouraging communications between research and industrial sectors, and to valorized creative partners with economical and social environment. To providing greater visibility for researchers 'works', the ARCME offers the possibility to publish the best papers presented at the conference.

OUR SPEAKERS



Ahmed Djebar

Mathematician, historian of Algerian sciences and mathematics, professor emeritus at the University of Lille



Mosbah Zidani

Material Engineering, Faculty of Technology, University of Batna2.
<http://staff.univ-batna2.dz/zidani-mosbah>



Ali J. Chamkha

Faculty of Engineering
Kuwait College of Science & Technology
Personal website: <https://alichamkha.net/>



Zied Driss

Department of
Mechanical Engineering at National
School of Engineers of
Sfax (ENIS), Tunisia.

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TOPICS

ENERGY ENGINEERING	
<ul style="list-style-type: none"> • Heat and Mass Transfer • Energy Systems • Renewable Energy • Energy management 	<ul style="list-style-type: none"> • Computational Fluid Dynamics • Multi-phase flows • Inviscid and viscous flows • Biofuels, Fuel Cells
MECHANICAL AND STRUCTURAL ANALYSIS	
<ul style="list-style-type: none"> • Modeling and Structural Analysis • Design, Mechanical Systems • Thermo-mechanical behaviors 	<ul style="list-style-type: none"> • Non-linear Behaviors • Dynamic failure and fracture • Biomechanics
MATERIALS ENGINEERING	
<ul style="list-style-type: none"> • Characterization of Materials • Polymers and Composite Materials • Functionally graded materials 	<ul style="list-style-type: none"> • Glass, Ceramics and Refractory • Strategic Metals Recovery • Shape Memory Alloys
Mathematics in Physics	
<ul style="list-style-type: none"> • Application of Quantum Mechanics on Materials • Theory of Operators and Their Applications in Sciences • Mathematical Physics and Limit Problems 	<ul style="list-style-type: none"> • Numerical Methods and Simulations Applied in Technology • Plasma Physics

IMPORTANT DATES



Deadline for abstract submission
September 01, 2023



Notification of acceptance
October 01, 2023



Confirmation of participation
October 15, 2023

REGISTRATION FEES

	National	Maghrebien	International
Student	10 000 DA	150 euros	200 euros
Academic	15 000 DA	200 euros	250 euros
Industriel	20 000 DA	300 euros	300 euros
Accompanying	8 000 DA	150 euros	150 euros

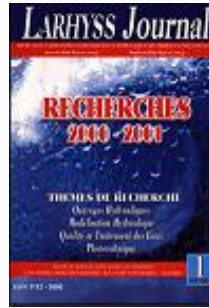
Registration fees include :

- ✓ Welcome receptions
- ✓ Admission to all conference sessions
- ✓ Book of abstracts
- ✓ Coffee breaks and Lunch days of the conference

THE BEST PAPERS WILL BE PUBLISHED IN THE FOLLOWING JOURNALS



JOURNAL OF MECHANICAL
ENGINEERING AND SCIENCES
(JMES)



LARHYSS JOURNAL P-
ISSN 1112-3680
E-ISSN 2521-9782



INDONESIAN JOURNAL
OF MATERIALS SCIENCE



JOURNAL OF APPLIED
ENGINEERING SCIENCE &
TECHNOLOGY (JAEST)



AUTHOR GUIDLINES

Submissions should follow the general guidelines detailed on the ARCME 2023 webpage. You should submit your abstract as an PDF file to the session organizer by clicking in this [link](#).

Conference Languages
Arabic, English and French

CONFERENCE PROGRAM

DAY	TIMING	EVENT
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FIRST DAY December 10, 2023	8:30 - 9:30	Opening
	9:30 - 10:15	1st Plenary
	10:15 - 10:45	Poster session/ Break coffee
	10:45 - 11:30	2nd Plenary
	11:30 - 12:15	3rd Plenary
	12:30 -14:00	Lunch
	14:00 - 15:30	Oral sessions
	15:30 - 16:00	Poster session/ Break coffee
	16:00 - 17:30	Oral sessions

SECOND DAY December 11, 2023	8:30 - 09:00	4th Plenary
	9:00 - 10:00	Symposium (Part 1)
	10:00 - 10:30	Poster session/ Break coffee
	10:30 - 12:30	Symposium (Part 2)
	12:30 -14:00	Lunch
	14:00 - 15:30	Oral sessions
	15:30 - 16:00	Poster session/ Break coffee
	16:00 - 17:30	Oral sessions


THIRD DAY December 12, 2023	8:30 - 09:15	5th Plenary
	9:15 - 10:15	Oral sessions
	10:15 - 11:00	Poster session/ Break coffee
	11:00 - 13:00	Closing
	13:00	Lunch



CONTACT US

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