



**2nd International Conference on
Materials Science & Engineering
Recent Advances and Challenges
(ICMSE-RAC 2019)
11-13 March 2019, Cairo, Egypt**



**Organized by
Central Metallurgical Research & Development Institute
(CMRDI) , Cairo , Egypt
Co-organized by
Egypt - Japan University of Science and Technology(E-JUST)**

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General Information

The first International Conference on Material Science and Engineering (ICMSE-2018) has been organized by Egypt-Japan University of Science and Technology (E-JUST) during March 2018 and held in its premises in Borg EL Arab City , Alexandria , Egypt .The Central Metallurgical Research & Development Institute (**CMRDI**), Cairo, Egypt in collaboration with the World Association of Industrial and Technological Research Organizations(**WAITRO**) and E-JUST organizes the second conference during the period from 11-13 March, 2019 in Cairo, Egypt. Unlike the numerous conferences held under more or less the same title this conference will be focused on Minerals, Metals and related Materials (composites) emphasizing on applications in different industrial sectors. The conference will gather researchers from academia, RTOs as well as industrial specialists aiming at establishing a platform for creating business opportunities and technology transfer. The conference will include plenary lectures from distinguished scientists and technologists, key note speeches, oral presentations and poster sessions. Visits to the industrial R& D Institute (CMRDI) will be arranged as post conference activities. Special cultural programs will be arranged during the evenings of the conference days. In addition, post conference cultural programs for visiting the main tourist attractions in Cairo will be arranged. Special programs will be also provided to the accompanying persons.

Honorary Chairs

Prof. Dr. Adel Abdel Azim	Founder and Former President of CMRDI
Prof.Dr.Amr Salama	Former Minister of Higher Education &Scientific Research
Eng.Mohamed Abdel Wehab	Former Minister of Industry
Prof.Dr. Ahmed El –Gohary	President of E-JUST

Conference Chairman

Prof. Dr. Taha Mattar	President of CMRDI
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Secretary General

Prof. Dr. Mohamed M. Rashad Head of Advanced Materials Division, CMRDI

Organizing Committee

Prof. Dr. Adel K. Ismail	CMRDI	Dr. Mohamed A. Abdel Kawy	CMRDI
Prof. Dr. Ahmed Abdel Moneim	E-JUST	Dr.Fatma Abd El- Mouez	CMRDI
Prof.Dr.Mosen A Hassan	E-JUST	Dr.Ahmed Helal Amin	CMRDI
Prof. Dr. Said El-Sheikh	CMRDI	Mr.Tarek Shaker	CMRDI
Dr. Atef Hamad	E-JUST	Mr. Ahmed Abdel-Monem	CMRDI
Dr.Mohamed Gapreel	E-JUST	Mrs. Mary Nabil	CMRDI
Dr.Nageh Shalan	E-JUST	Mr.Ali Nazeer	CMRDI
Dr. Mohsen Farahat	CMRDI	Mrs.Mona Fekry	CMRDI
Dr. Diaa El-Rahman	CMRDI	Mr. Mohamed Abdel Fattah	CMRDI

Advisory Committee

Prof. Dr. Adel Nofal	CMRDI	Prof. Barry Wills	UK
Prof. Dr. Mahmoud Nasr	CMRDI	Prof. Monica Lira Canto	Spain
Prof. Dr. Ibrahim Ahmed	CMRDI	Prof.C.Margottini	Italy
Prof. Dr. Nagui Abdel Khalek	CMRDI	Prof.Paolo Piccardo	Italy
Prof. Dr. Khaled Abdel Ghani	CMRDI	Prof.Michel Ferrari	Italy
Prof. B. Moudgil	USA	Prof.Yuta Niashin	Japan
Prof. Sheikh A. Akbar	USA	Prof. D. Dinures	Japan
Prof.D.Dionysiou	USA	Prof.M.Ohsima	Japan
Prof. James Finch	Canada	Prof.Qing liu	China
Prof. G. Alexander	Germany	Prof.Ji Tki	China
Prof. Eckart Bierduempel	Germany	Prof.D.Fornasiero	Australia
Prof. W. Bleck	Germany	Prof.I.Chattoraj	India
Prof.B.Oberchachtsiek	Germany	Dr.W. Abdel Rahman	Malaysia
Prof. Said Obbade	France	Prof.Jackie Ying	Singapore
Prof. M. Bechelany	France	Prof.Antoine Mulaba	South Africa

Call for Papers

We invite you to submit an abstract up to 500 words alongside with the registration form in one of the conference topics, the abstract should be prepared in English as an MS word document, applying font 12 Times New Roman, single line space and emailed to:

Icmse2019@gmail.com, rashad133@yahoo.com, info@icmseegypt2019.org, selsheikh2001@gmail.com

Important Dates

Abstract Submission **15th July 2018**

Abstract Deadline **1st December 2018**

Abstract Acceptance Notification **15th December 2018**

Full Paper and Poster Submission Deadline **15th January 2019**

Conference Topics

Mineral Processing and Agglomeration
Materials for Water Management
Ceramics and Refractories
Electronic, Optical and Magnetic Materials
Welding Technology
Metals and Alloys
Modeling and Simulation
Environmental Engineering
Biomaterials and Bioprocessing
Extractive Metallurgy

Nano Materials and Nano Technology
Composite Materials
Thin Film and Surface Coating
Casting Technology
Powder Metallurgy
Iron and Steel Making
Waste Treatment
Energy Materials
New and Renewable Energies
Material Testing and Characterization

Publications

Peer received papers will be submitted for publication in Key Engineering Journal. The publication fee amounts 80\$. This journal has already published special issue for a conference on Science and Processing of Cast Iron (SPCI-9) on 9-13 Nov 2010 held in Luxor , Egypt . In addition the journal is publishing special issue for First International Conference in Materials Science and Engineering ,11-13 March 2018 orgies by E-JUST held in Borg EL Arab City , Alexandria , Egypt .

Registration

Registration fee is 500 USD for foreigners / 1700 LE for Egyptians

For students the fee is 300 USD for foreigners / 1200 LE for Egyptians

Accompanying person fee is 400 USD

The registration fee covers admission to conference sessions, lunches and tea breaks during the 3 days of the conference (11-13 March 2019), kit with printed materials and conference banquet (12 March 2019).

Payment Methods

Cash , credit cards (Visa, Master Card) and bank transfer to Central Bank of Egypt

Account Number 9/450/81641/8

Conference Venue

The conference will be held in Steigenberger Hotel ,Cairo which is a luxurious hotel facing the Egyptian Museum in the heart of Cairo city downtown and close to River Nile.www.steigenberger.com

Accommodation

Accommodation will be arranged in the conference venue. Numerous 3Stars hotels are within walking distances from the conference venue. Details of the room charge will be announced later

Weather

Mild, 25 °C day time , 15 °C night time

Cultural Programs

Cultural programs during the evenings of the conference days and post conference tours will be arranged including sound and light show at the Pyramids, Nile Cruise, old City, Egyptian Museum against fees including dinner, admission fee, transportation and guidance.

Accompanying Persons Program

Daily programs for accompanying persons will be arranged during the 3 days of the conference including Citadel, Ancient Mosques and Churches, Cairo Tower, shopping , lunch included

المؤتمر الدولي الثاني لعلوم وهندسة المواد

١١ - ١٣ مارس ٢٠١٩ - القاهرة جمهورية مصر العربية

ينظم مركز بحوث وتطوير الفلزات - وزارة التعليم العالي والبحث العلمي بالتعاون مع الاتحاد العالمي لمراكز البحوث الصناعية والتطبيقات (ويترو) والجامعة المصرية اليابانية للعلوم والتكنولوجيا مؤتمرا دوليا عن علوم وهندسة المواد في الفترة من ١١-١٣ مارس ٢٠١٩ بفندق شتيجنبرجر التحرير (Steigenberger ElTahrir) بالقاهرة ويركز المؤتمر علي الجوانب التطبيقية والصناعية. و يبلغ رسم الاشتراك في المؤتمر ٥٠٠ دولار للأجانب، 1700 جنيها مصريا للمصريين وللطلبة الأجانب ٣٠٠ دولار وللطلبة المصريين 1200 جنيها مصريا ويشمل رسم الاشتراك حضور الجلسات واستراحات الشاي والغذاء لثلاثة أيام وعشاء المؤتمر. وتقدم البحوث حتى الأول من ديسمبر ٢٠١٨ والبحث كاملا حتى الخامس عشر من يناير ٢٠١٩ وسيتم اختيار بعض البحوث بعد التقييم للنشر في المجلة العالمية المتخصصة في مجال المواد Key Engineering . وسيتم ترتيب زيارات لمركز بحوث وتطوير الفلزات كما سيتم إعداد برامج ثقافية مسائية نظير اشتراك معين كما سيتم إعداد برامج بعد المؤتمر لزيارات المعالم الثقافية بالقاهرة وبرامج للمرافقين نظير اشتراك (التفاصيل لاحقا علي الموقع)

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Registration form

Surname :

Family Name :

Nationality :

Affiliation :

Address :

Email :

Tel :

Mobile :

Fax :

I'm interested to attend the conference

I'm interested to participate in the conference and present a paper

Oral **Poster**

Title:

Signature

➤ **Please send the registration form to:**

E-Mail: info@ icmse-egypt2019.org.com, rashad133@yahoo.com ,
selsheikh2001@gmail.com

Fax: +2-02-27142451

Registration is possible online at

<https://icmse-egypt2019.org/index.php/registration/>

Facts and Figures about ICMSE-RAC 2018

<https://icmse-rac.ejust.edu.eg>

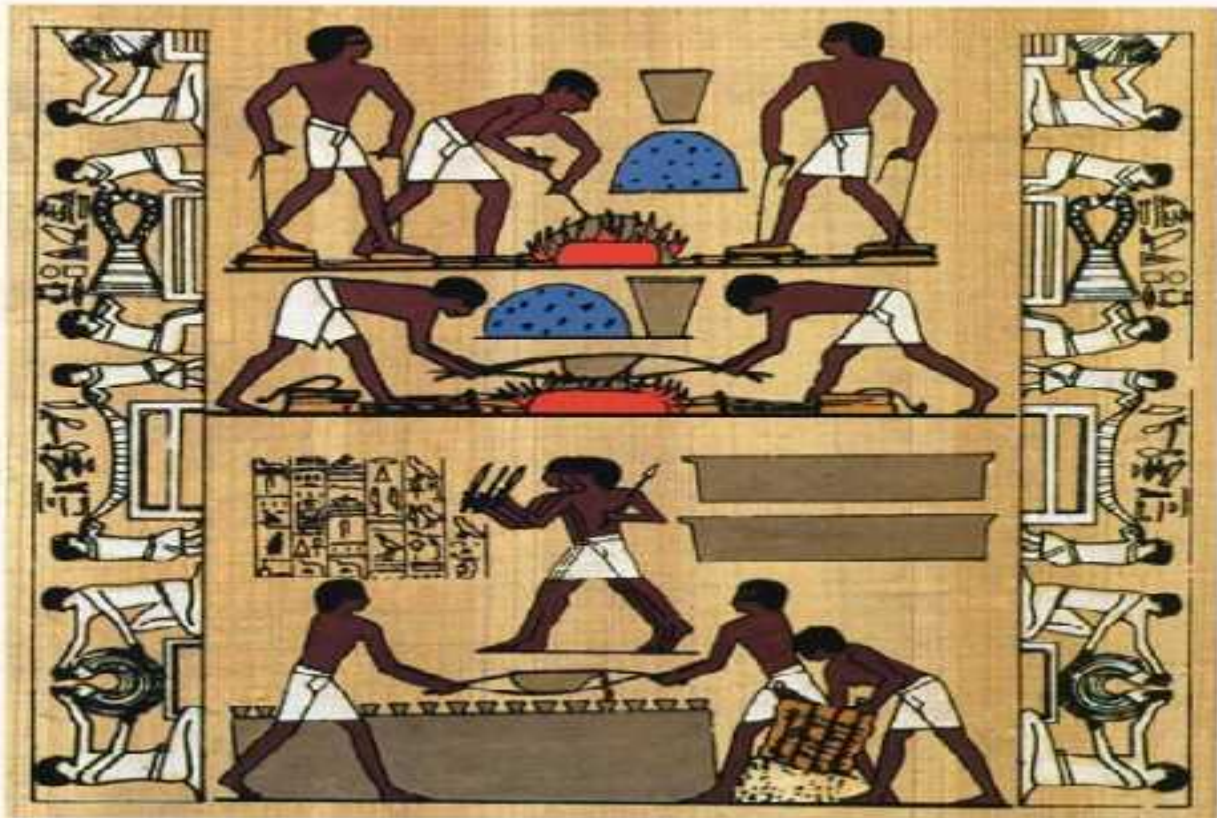
The first international conference on Materials Science and Engineering has been organized by Egypt - Japan University of Science and Technology (E-JUST) on 11-13 March 2018 in the premises of the University in Borg El Arab City , Alexandria ,Egypt with 250 participants including distinguished scientists from Japan , US , Europe and other countries, in addition to Egyptians universities and R&D centers. 246 papers have been presented including plenary lectures and keynote speeches . Publication of peer review papers in Key Engineering Journal is in progress . In the following are given some facts and figures about this event .

Item	Received	Actual
Keynote Lectures	14	14
Invited Talks	26	24
Oral Presentation	101	96
Poster Presentation	85	52
Total Number of Presentations	246	186
Acceptance Rate	70%	

Item	Registered	Actual
Number of Foreign countries	11	11
Number of Foreigners	67	67
Number of Sponsors	11	11
Total Number of Participants	250	270



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