INITIAL PROGRAM ICAPAC 2026

29th October 2026

08:00-09:00 (GMT+1)	WELCOMING COCKTAIL- Coffee REGISTRATION-CHECK-IN
09 :00-09 :15 09 :15-09 :30	**OPENING CEREMONY; Prof. Mohieddine Abdellaoui (chairman of the conference)** **Prof. alaeddine Kaouka (president of scientific committee)**
09 :30-10 :15 10 :15-10 :30	Invited Speaker: **Assoc. Prof. Yasemin TABAK** TUBITAK National Metrology Institute, Türkiye Title: Quantum Materials Driving the Future of Quantum Technologies Chairman: Alaeddine Kaouka & Murat Yazaci Discussion
10 :30-11 :15 11:15-11:30	Invited Speaker: **Prof. Dr. Murat YAZICI** Bursa Uludağ University, Türkiye Title: Digital Image Correlation-Based Non-Contact Characterization of Rubber Materials and Hyperelastic Model Identification for Fuel Hose Clamping FEM Simulations Chairman: Alaeddine Kaouka & Yasemin Tabak Discussion
14:00-17:00	**ONLINE PARTICIPATION 1** (see table down)

Note: ONLINE; a poster participation via Microsoft team & an oral via Google Meet or video recorder (not more than 15min and 5 for Q).

30th October 2026

08:00-09:00	REGISTRATION-CHECK-IN (for participants without accommodation)
09:00-09:30 09 :30-09 :45	Invited Speaker: **Assoc. prof. Sachinkumar MADHUKAR WANI** Government College of Engineering, Jalgaon, Maharashtra state, India. Title: Ultrasonic welding process Chairman: Ibrahim M. Ghayad & Murat Yazici Discussion
09:45-10:15 10:15-10:30	Invited Speaker: **Prof. Dr. Ibrahim M. GHAYAD** President Institute (CMRDI), Cairo, Egypt. Title: Synthesis of innovative TMOs–TMCs/rGO Composites for Highly Efficient Green Chairman: Sachinkumar Madhukar Wani, Yasemin Tabak Discussion
10:30-11:15	Coffee break POSTER SESSION 1 (see table down) ORAL SESSION 1
11:15-12:00	**ONLINE PARTICIPATION 2** (see table down)

13:00-14:30	Lunch

31st October 2026	
09:00-09:30 09 :30-09 :45	Invited speaker: **Prof. Dr. Ali GÜNEN** İskenderun Technical University, Türkiye Title: Post-Processing Heat Treatments For Improving The Microstructure, Mechanical Properties, And Corrosion Resistance Of Metallic Materials Produced By Additive Manufacturing Chairman: Alaeddine Kaouka & Hasan Küçükbay
09:45-11:00	**ONLINE PARTICIPATION 2**
12:00	**CLOSING**

ONLINE PARTICIPATION 1	
Laamri Kellouche	Using data analysis and statistical methods in strong interaction
Loubna Benhabib	Dimensioning and Simulation of a Residential Photovoltaic System in Tlemcen, Algeria
Walid Mamache	Concentration-Dependent Reversible Modulation of Rabbit Ileum Spontaneous Contractions by 2,2'-azobis(2-methylpropionamidine) dihydrochloride Derived Peroxyl Radicals
Walid Mamache	Exploring the Anti-inflammatory, Analgesic, and Gastroprotective Properties of Senecio perralderianus in Mice
Amor Bencheikh	Evaluation of the anti-candida albicans effect of chemical and natural products
Amor Bencheikh	Biodegradation of paracetamol by Bacillus strains
Guezane Laakoud Samia	Ibuprofen phosphonates: Design, synthesis, anti-inflammatory activity, DFT, and molecular docking study
Habiba Bouhalouf	Fermionic Tunneling in Noncommutative-Inspired Lyra Black Holes
Farouk Ghiti	Modified dispersion relation and its impact on thermodynamic properties of grand canonical ensemble
Nihad Djerioui	Comparative Antioxidant and Anti-Inflammatory Activities of Cephalopod Ink Extracts: In Vitro Evaluation, In Vivo Validation, and Molecular Docking Insights

Mounia MERABET	2-(3-benzoylphenyl)-N-(p-tolyl)propenamide: Computational study, Chemical reactivity, Pharmacological potential and Molecular docking Studies.
Sihem Hessainia	DFT calculations and molecular docking as antibacterial of Sulfonyl bis-aziridines
Amina Mezerket	Algerian Silybum marianum: Phytochemical, physiochemical and antioxidant study
Amina Mezerket	The antimicrobial and antiparasitic activity of Algerian Artemisia herba alba essential oil
Fariel Bellouti	Correlated Raman, DSC and SEM Analysis of UV-C Induced Degradation in Textured EVA Encapsulant for Photovoltaic Modules.
Fatima Chater	Comparative Study of the Inclusion Complexes of Tetracaine and Tetracaine Hydrochloride with β-Cyclodextrin Using UV–Visible Spectroscopy and Isothermal Titration Calorimetry
Hinda Hacib	Evaluation of Toxicity, Antioxidant , Antimicrobial , and Erythrocyte Effects of Citrus lemon Essential Oils
Rachida Aribi	Study of the self-assembly of two surfactants: cholesterol and Cétylpéridinium chloride, using UV-Vis spectroscopy and dynamic light scattering
Nourelhouda Aouimeur	New DAMN-based compound: Synthesis, Characterization and Recognition study
Benaouda Selma	Photoluminescence-Driven Optimization of Carbon Quantum Dots through Defect Analysis for Photovoltaic Spectral Conversion
Henia Saib	In Vitro Antioxidant and Antimicrobial Activities of Thymus numidicus Poiret from Tizi Ouzou, Algeria
Henia Saib	Phytochemical Profiling and Antioxidant Activity of Opuntia ficus-indica Cladode Using LC–MS and Spectrophotometric Methods

ONLINE PARTICIPATION 2	
Nabila BRAIA	Synthesis, Antimicrobial Activity, and Computational Investigation of Novel 3,4,5-Trimethoxyphenyl α-Acetoxymethylphosphonates
Ahlam Kihal	TO EVALUATE THE CHEMICAL COMPOSITION AND THE ANTIMICROBIAL ACTIVITIES OF Rosmarinus jordanii EXTRACT AGAINST MULTIDRUG-RESISTANT PATHOGENS.
Fatima Barrarat	Nondestructive testing–based inverse problem approach for electrical conductivity identification in carbon fiber composites
Lamia Kara Zaitri	DFT Computational study of flavone derivatives as potential photosensitizers for dye sensitized solar cells
Assia Aouiz	Microwave-Assisted Extraction versus Hydrodistillation: Yield Optimization and Phytochemical Profiling of Algerian Pinus halepensis and Rosmarinus officinalis Essential Oils
Fatima Kadari	The Structural, Electronic and Optical Properties of the zinc blande Zn x Hg 1-x Te and Zn x Cd 1-x Te ternary alloys : A DFT-Based simulation for solar cell

Ghania Radji	Electronic, Reactive, and Adsorption Properties of Trypan Blue Dye on LDH-Based Adsorbents: A Comprehensive DFT Investigation
Kaoutar Necib	Chemical Quantitative Investigation of Bioactive Compounds in Schinus molle Leaflet Extract
Sarah Ait Benali	Maternal Preconceptional and Gestational Diet Co-supplemented with Cholesterol and Methionine Remodels Neonatal Hepatic Lipidome and Functional Markers
Nabila Braia	Synthesis, Antimicrobial Activity, and Computational Investigation of Novel 3,4,5-Trimethoxyphenyl α-Acetoxymethylphosphonates
Ahlam Kihal	To evaluate the chemical composition and the antimicrobial activities of rosmarinus jordanii extract against multidrug-resistant pathogens.
Fatima Barrarat	Nondestructive testing–based inverse problem approach for electrical conductivity identification in carbon fiber composites
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Sarah Ait Benali	Maternal Preconceptional and Gestational Diet Co-supplemented with Cholesterol and Methionine Remodels Neonatal Hepatic Lipidome and Functional Markers
Lyudmila Nyrkova Svetlana Osadchuk	Stress-corrosion cracking of 10G2FB steel under thin-film corrosion conditions at pH values from 5.6 to 9.6