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Friday March 01, 2024

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# Program of the 2nd International Conference on Biomedical Engineering and Science - ICBES 2024 February 29, 2024 - March 02, 2024

## **Conference Session**

Delegate welcome - registration

## Opening ceremony and official remarks

- Mr. mustapha EL ANSARI, president of the moroccan biomedical society
- Word from the minister of health and social protection
- Remarks from distinguished guests

## Presentation of the 2nd International Conference on Biomedical Engineering and Science

Pr. Abdelmajid BYBI, Professor at the Higher School of Technology of Salé

#### Coffee Break & Poster Session

## Keynote N° 1: The biomedical profession's path to its own certification

• Pr. Gilbert FARGES, An Emeritus Professor at the Compiegne University of Technology (UTC) France

#### Lunch Break

## Keynote N° 2: Hospital planning from a biomedical engineering perspective: strategy and maintenance of medical devices

• Pr. Bassel Tawfik, Professor of biomedical engineering at cairo university Egypt

### **Coffee Break & Poster Session**

## Keynote N° 3: Digital health and artificial intelligence

Pr.Mehdi Ammi is a Professor at the University of Paris 8

Authors	<b>Presentation</b>	Session
Authors	rieschiation	<b>3</b> C331011

g	Lhoucine BEN YOUSSEF	Design and Implementation of an Advanced X-ray Dose Detector based on PIN Photodiodes Technology
& Engineering	Salah eddine Chouikh	Aspirating Surgical Drainage Bellows: Physical Analysis of Operation and Extension of Application to the Field of Extra Renal Purifications
Science & Eng	MOHAMMED HACHEM MEZOUAR	Polarimetric imaging for early detection of cervical cancer
	Hasnae ZAHIM	Hemodialysis: 70 years and still imperfect!
cal Sc	Abdelaziz SIDI BABA	Innovative solution for treating hypervolemia in patients with End-Stage Renal Failure
Biomedical	Hanaa Oulad Hamdaoui	Investigation of the existing technological solutions for blind people
Bior	Khadija El Gadali	In silico analysis of antidiabetic potential of 2-quinolone derivatives: molecular docking approach
		Coffee Break & Poster Session
ysics	Soukaina Mefrah	Evaluation of the additional dose of CBCT in radiotherapy for the XVI system
	Ikbal Bouadel	Optimizing Radiation Protection: A Perspective on Diagnostic Reference Levels for Pediatric X-ray Examination in a Specific Region of Morocco
	Wijdane Chaanoun	Establishment of Local Diagnostic Reference Levels for Ct pelvimetry and estimation of fetal radiation dose by Monte Carlo methods: A study Conducted in a Moroccan Military Hospital
	Abdellatif Talbi	Study and Establishment of a new reference neutron field for calibration for radiation protection purposes: experimental and Monte Carlo simulation approach
	Lunch Break	
Σ	Abdellah Khallouqi	Assessing the Suitability of Polyester Resin as an Alternative for PMMA in Computed Tomography Dosimetry Phantom Fabrication
	Youssef Adib	End-to-End assessment of VMAT treatment plans delivery accuracy for common Head and Neck cancers using RANDO anthropomorphic phantom with Optically Stimulated Luminescence Dosimeters
	Rihab Bamaarouf	Planning breast cancer treatment with external radiotherapy: dosimetric study and clinical results
	Walid Allioui	Diagnostic reference level of computed tomography for adults (CT) in the region of Draa Tafilalet, Morocco
& lot loi tion	Khaoula Habibi	SECURE HEALTH SURVEILLANCE SYSTEM FOR NEWBORNS AT HOME
	Imane Assalhi	DETECTION OF CARDIAC DISEASES USING ARTIFICIAL INTELLIGENCE
catic	Aymane Edder	Optimizing CNN Model Performance for ECG Classification through Data Pre-processing
ppli	Imane MHILISS	Study of CaMoO4(Er) detector's model simulated by using MCNP-X code
sal a		Coffee Break & Poster Session
Ai uncial in medic	Idriss Tafala	A Deep Learning Approach to Image Classification of Oral Diseases
	Oumaima Manchadi	Towards Industry 4.0: An IoT-Enabled Data-Driven Architecture for Predictive Maintenance in Pharmaceutical manufacturing
	Mohamed Amine Gadi	Enhancing Driver Safety Through Real Time Cloud Computing

# **Conference Session**

# Keynote N° 4: International biomedical engineering: feedback

Dr.Narjes Benameur, Assistant Professor at University of Tunis el Manar

# Coffee Break & Poster Session

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