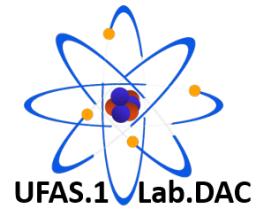
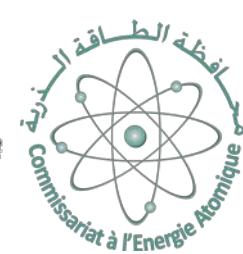


Third International Conference and School on Radiation Imaging and Nuclear Medicine

Setif, October 12-16, 2025



Conference Program

Scientific Program of the Conference

Sunday, October 12, 2025		
08h00	Registration	
08h30	Welcome and Opening Ceremony	
Oral Session 1 : Molecular Imaging and Nuclear Medicine (SPECT, SPECT/CT, PET/CT, PET/MR, etc)		
09h00	<p style="text-align: center;"><u>Plenary Talk 1 :</u> Prof. Habib ZAIDI PET Instrumentation & Neuroimaging Laboratory, Geneva University Hospital, Switzerland <i>Quantitative Imaging Biomarkers in the Era of Precision Medicine</i></p>	Chairman : Pr. Hacene Azizi
09h40	N. Ounoughi Mohamed Seddik Ben Yahia University, Jijel, Algeria <i>Real-Time Imaging for Beam Control in Hadrontherapy</i>	
10h00	A. Marouani Faculty of Medicine, - University Setif1-Ferhat Abbas, Setif, Algeria <i>The contribution of PET scan in the management of lung cancer</i>	
10h20	Coffee Break	
Oral Session 2 : Radiation Imaging Methods and Systems		
10h40	<p style="text-align: center;"><u>Plenary Talk 2 :</u> Prof. Nabil MAALEJ Khalifa University, United Arab Emirates <i>Spectral CT Parametric Imaging</i></p>	Chairman : Pr. Habib Zaidi
11h20	A. Mahdjoubi Clinique EL Moncef, Setif, Setif, Algeria <i>Recent advances in ophthalmological exploration</i>	
11h40	S.A. Kabara University of Laghouat, Laghouat, Algeria <i>Impact of CT Acquisition Parameters on Radiomics-Based Classification of Brain Tumors and Intracerebral Hemorrhage</i>	
12h00	Lunch Break	
13h30		

Oral Session 3 : Image Processing and Data Analysis		
13h30 14h10	<p style="text-align: center;">Plenary Talk 3 : Dr. Mohamed El Hafedh ABDI Centre of Scintigraphy Imaging of Bilda Blida, Algeria <i>Exploring Artificial Intelligence AI as a tool for Detecting Hyperthyroidism Etiology in Thyroid Scans</i></p>	Pr. Abdelouahab Moussaoui
14h10 14h30	<p>N. Hameche Department of Computer Science, University Setif1-Ferhat Abbas, Sétif, Algeria <i>Machine and Deep learning Techniques for Histological Images Classification</i></p>	
14h30 14h50	<p>O. Mebarki Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Hybrid Deep Learning Model for Complex Medical Image Segmentation</i></p>	
14h50 15h10	<p>A.O. Meddas Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Linking Noise and Training Variance for Breast Cancer Detection Through Deep Learning</i></p>	
15h10 15h30	<p>M. Lakab Department of Computer Science, University Setif1-Ferhat Abbas, Setif, Algeria <i>Neuro-Symbolic Integration of Deep Learning and Association Rule Mining for Interpretable Analysis of HIV Protein Sequences</i></p>	
15h30 16h00	Coffee Break	
16h00 17h00	<p style="text-align: center;">Poster Session : All Topics</p> <p style="text-align: center;">Pr. Hacene Azizi, Pr. Seif Eddine Allah Chouaba, and Dr. Abderrahim Betka</p>	
#10	<p>L. Issaadi Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Evaluation of the Spatial Resolution and Noise of Siemens Somatom Emotion 16 CT scanner for different scanning protocols and reconstruction kernels and windows</i></p>	
#14	<p>M. Belattar Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>3D-Printed Personalized Bolus via Structured Light Scanning for Adaptive Radiotherapy</i></p>	
#15	<p>F. Mokeddem Department of Physics, Faculty of Material Sciences, University Ibn Khaldun of Tiaret, Algeria <i>Comparative Analysis of Hybrid Denoising Techniques and DnCNN for Poisson-Gaussian Noise Removal in Brain CT Images</i></p>	
#16	<p>M. Mahgoun Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>L'intelligence artificielle en radiothérapie : état de l'art, défis et perspectives</i></p>	

#19	S. Meddah Department of Matter Sciences, Faculty of Sciences and Technology, Mohamed El Bachir El Ibraimi University, Bordj-Bou-Arreridj, Algeria <i>Determination of L1-L2 Coster-Kronig transition probabilities for some lanthanides elements</i>
#21	H. Taiar Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Intelligent Patch-Level label Sampling using Deep Learning on Histopathological Whole Slide Images for the Perspective of Predicting Breast Cancer Recurrence</i>
#22	A. Bendjedi Ecole Normale Supérieur Messaoud Zoghar, Sétif, Algeria <i>New values of 2P1/2 subshell fluorescence yields for heavy elements</i>
#23	N. Taibouni Faculty of Physics, University of Sciences and Technologies Houari Boumediene (USTHB), Algiers, Algeria <i>Comparative Study of Natural Radioactivity in Domestic Ceramic Products</i>
#25	M. Lamara Department of Computer Science, University Setif1-Ferhat Abbas, Setif, Algeria <i>MRI Segmentation and Prognostic Analysis Framework for Brain Cancer Using Foundation Models</i>
#26	A. S. Mokhneche Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Artificial Intelligence based CAD for Early Prostate Cancer Diagnosis and Classification</i>
#28	S. Abbassene, L. Benkacem Laboratoire santé et environnement des hauts plateaux Sétifiens, Faculté de Médecine Université Sétif 1, Sétif, Algérie <i>Protection des professionnels de santé exposés aux rayonnements ionisants (RI) : cadre réglementaire et missions du médecin du travail</i>
#29	A. Guermache Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Deep Learning for Dose Prediction in Radiotherapy: A Comprehensive Review</i>
#30	L. Benkacem, S. Abbassene Service de médecine du travail, EPSP Ain El Kebira, Sétif, Algérie <i>Réinsertion professionnelle post-irathérapie chez une manipulatrice de radiologie</i>
#33	M. Sari Department of Computer Science, University Setif1-Ferhat Abbas, Setif, Algeria <i>A Hybrid Vision Transformer with LBP for Robust Facial Expression Recognition Using Local Texture Features</i>
#34	I. Rekik Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Breast cancer recurrence prediction using machine learning</i>

#35	S. Alouani, N.Bensekhria, S. Benaicha, W. Benhassine. Faculté de Médecine, Université Ferhat Abbas Sétif 1, Sétif, Algérie <i>Connaissances en radioprotection du personnel exposé aux rayonnements ionisants d'un centre hospitalo-universitaire algérien: évaluation qualitative</i>
#36	S. Benaicha, S. Alouani, W.Benahssine Faculté de médecine, Université de Batna, Batna, Algérie <i>Évaluation des risques professionnels liés à l'exposition aux radiations ionisantes chez les femmes travaillant en radiothérapie</i>
#38	A. Tanto Faculty of Technology, University Sétif1, Sétif, Algeria <i>Simulation of Plasmonic Nanoantenna Arrays for Intracellular Sensing</i>
#39	A. Lebal University Batna 2-Mustapha Ben Boulaid, Batna, Algeria <i>Deep Learning Approaches In Nuclear Imaging: A Systematic Review In Recent Decade</i>
#40	K.E. Bensadallah Service médecine nucléaire et imagerie moléculaire, CHU Bab El Oued, Algiers, Algeria <i>Contrôles qualité des TEPSCAN</i>
#41	A.E. Mihoubi Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Radiobiology-Informed Dosimetry for Personalized Nuclear Medicine Therapy</i>
#42	L. Boumedine Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Validation of Li-CHx thin target for high dose distribution in LPA</i>
#43	Y. Boukerdja Faculty of Physics, University of Sciences and Technologies Houari Boumediene (USTHB), Algiers, Algeria <i>Quantum Holography Imaging</i>
#46	A. Benaidja Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Artificial Intelligence in Ophthalmic Image Processing: Advances and Challenges</i>
#48	R. Bencheikh University of Setif1, Sétif, Algeria <i>Neurological solution using AI applied to Dyslexia</i>
#49	N. Ghediri Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Dosimetric Evaluation of Custom 3D-Printed Boluses for Surface Tumors</i>
#51	S.F. Labed Université de Constantine 3, Constantine, Algérie <i>Risques professionnels et radioprotection dans les services d'imagerie médicale et de médecine nucléaire</i>

#52	D.M. Khalal Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Clinical Evaluation of Automatic Brain Segmentation in CT Images</i>	
#52	F. Bella LIMOSE laboratory - University of M'hamed Bougara Boumerdes, Boumerdes, Algeria <i>Enhancing Pneumonia Diagnosis via Transfer Learning with ConvNeXt and CNNs on Chest X-Ray Images</i>	
Monday, October 13, 2025		
Oral Session 4 : Medical Physics		
08h30 09h10	<u>Plenary Talk 4:</u> Prof. Abdelouahab MOUSSAOUI Department of Computer Science, University Setif1-Ferhat Abbas, Sétif, Algeria <i>From Scarce Data to Smart Diagnosis: Self-Supervised, Multimodal, and Multi-Task AI Driving the Future of Medical Imaging</i>	Chairman: Pr. Nabil Maalej
09h10 09h30	A. Bouchikhi Fighting Against Cancer Centre of Tlemcen, Tlemcen, Algeria <i>In the Fight against Nasopharyngeal Carcinoma, Which Wins: Sequential or Integrated Boost?</i>	
09h30 09h50	N. Hameche Department of Computer Science, University Setif1-Ferhat Abbas, Sétif, Algeria <i>Fully Attention Convolutional Deep Neural Networks for Polyp Segmentation of Colonoscopic Images</i>	
09h50 10h10	S. Malki Department of Physics, University Setif 1-Ferhat Abbas, Sétif, Algeria <i>Machine learning models to asses patient specific quality assurance for pelvic cancers</i>	
10h10 10h40	Coffee Break	
Oral Session 5 : Dosimetry in Radiation therapy and Radiation Imaging		
10h40 11h00	A. Rezoug Faculty of Medicine, University of Oran, Oran, Algeria <i>Le risque d'exposition radiologique en médecine dentaire : étude technique, comportementale et dosimétrique</i>	Chairman: Pr. Djamel Eddine Chouaib
11h00 11h20	A. Benabdessadok University Hospital of Annaba, Annaba, Algeria <i>The effectiveness of radioactive iodine doses 30 mCi and 50 mCi in the treatment of thyroid gland cancer</i>	
11h20 11h40	A. Boukchida Department of Matter Sciences, Mohamed El Bachir, El Ibrahimi University, Bordj-Bou-Arreridj, Algeria	

	<i>Empirical Calculation of L X-Ray Fluorescence Cross-Sections for Thorium Excited by Photons at Different Energies</i>	
11h40 12h00	<p>A. Behouch Department of Physics, Khalifa University of Science and Technology, Abu Dhabi, UAE</p> <p><i>AgenticRad: A Task-agnostic framework for automated and autonomous radiotherapy workflows</i></p>	
12h00 12h30	Closing Ceremony	
12h30 14h00	Lunch	
14h00 18h00	Tour to the Antic Roman City of Djemila	