

# ICAGA 26 PROGRAM

## SESSION 1: ALGEBRA

Auditorium 500 places

Tuesday, May 19th, 2026	
<b>Chairman : Hadjer ADIMI</b>	
13h30-13h50	<b>Fatima Zohra KHELLOUL</b> , USTHB <i>Algebraic structures of hulls in linear codes over finite fields</i>
13h50-14h10	<b>Fatima Zohra BENSACI</b> , USTHB, <i>Bernoulli polynomials as a lens for extending Schwindt's congruence</i>
14h10-14h30	<b>Sara BENATMANE</b> , ENS Setif, <i>Averaging Poisson algebra to noncommutative Leibniz-Poisson algebras</i>
14h30-14h50	<b>Dyhia FEDALA</b> , USTHB, <i>On products of terms from two binary recurrence sequences</i>
14h50-15h10	<b>Abdelouahab MANI</b> , Mohamed El Bachir El Ibrahimi University <i>Enhancing cryptography with integral equations: A position-dependent affine cipher based on modular arithmetic</i>
15h10-15h30	<b>Sadjia ABBAD</b> , University of Blida 1 <i>Some generalization of Zeckendorf's Lucas code</i>
<b>15h30 Coffee Break</b>	
<b>Chairman : Salah MEHDI</b>	
15h50-16h10	<b>Youssra MILOUDI</b> , ENS Kouba, <i>On <math>D(-1)</math>-Fibonacci triple</i>
16h10-16h30	<b>Oualid DJOUABI</b> , Kasdy Merbah University, <i>Existence and properties of primitive periods for a new class of generalized Fibonacci functions</i>
16h30-16h50	<b>Amel DILMI</b> , University Setif 1 Ferhat Abbas, Algeria <i>On groups whose proper subgroups of infinite rank are finit-by-locally nilpotent</i>
16h50-17h10	<b>Mohamed BENALLOU</b> , Ibn Khaldoun University, Algeria <i>On Hom-Lie algebra structures and their non-associative generalizations</i>
17h10-17h30	<b>Abdelhafid BADIS</b> , Abbes Laghrour University of Khenchela, <i>On locally graded minimal non-(hypercentral-by-finite) groups</i>
17h30-17h50	<b>Islam DAOUDI</b> , University of Constantine 1, <i>Application of deep machine learning methods to mathematical physics of nonlinear system to track desired geometric trajectory</i>