

# CURRICULUM VITAE

**Nom & Prénom :** LABBI Yacine

**Grade :** maitre de conférence classe B

**Adresse dom.:** PB : 568, 39000, El-Oued

**Adresse prof.:** L'Université Echahid Hamma Lakhdar d'El Oued.

Faculté de Technologie. Département de Génie Électrique

B.P. 789, 39000 El-Oued



**Email:** [yacinelabbi@gmail.com](mailto:yacinelabbi@gmail.com), [yacine-labbi@univ-eloued.dz](mailto:yacine-labbi@univ-eloued.dz)



**Tél / dom :** 213 (0)5 59 72 29 00

## FORMATION

<b>Année 2016</b>	<b>DOCTORAT</b> en sciences. en Génie Électrique, option Réseaux Électriques, Université Mohamed Kheider - Biskra, Mention : très honorable
<b>Année 2009</b>	<b>Magister</b> en Électrotechnique option Électricité Industrielle, Université de Biskra, Mention : bien.
<b>Année 2006</b>	<b>Ingénieur D'ETAT</b> en Électrotechnique: Option Réseaux Électriques (Université de Biskra), Mention : Excellent avec félicitations des jurys.
<b>Année 2001</b>	<b>Baccalauréat</b> Option Techniques Mathématiques, Lycée Mohamed El Aid el Khalifa de El-Oued, Mention : Bien.

## EXPERIENCE PROFESSIONNELLE

- ✓ **2020 à ce jour:** responsable d'équipe spécialité électrotechnique, département de génie électrique, faculté de technologie à l'Université Echahid Hamma Lakhdar d'El Oued.
- ✓ **2016-2019:** Responsable du département "Tronc commun Science et technologie (ST)", Faculté de Technologie, l'Université d'El Oued.
- ✓ **2014-2016:** Doctorant invité, Faculté des systèmes énergétiques et des sciences nucléaires, Institut de technologie de l'Université de l'Ontario, UOIT, 2000 Simcoe Street North, Oshawa, ON L1H7K4, Canada.
- ✓ **2013-2014 :** Responsable du département "1<sup>er</sup> L.M.D Tronc commun Science et technologie (ST)", Faculté de Technologie, l'Université d'El Oued.
- ✓ **2010 à ce jour:** Enseignant permanent à l'Université Echahid Hamma Lakhdar d'El Oued, Faculté de Technologie.
- ✓ **2007-2010:** Enseignant vacataire à l'Université Echahid Hamma Lakhdar d'El Oued, Faculté de Technologie.
- ✓ **2007-2009:** Contrats de pré-emploi en tant que Secrétaire du directeur d'école primaire "Saker El-Mouldi 2", cité Sahen 01, El-Oued.

## Publications et communications

- [1]. H MERAH, A GACEM, D BENATTOUS, Y LABBI, OP MALIK, **Solving Economic Dispatch Problem Using a New Hybrid PSO-ALO Algorithm**, *1st International Conference on Communications, Control Systems and Signal Processing (CCSSP)*, 2020, 487-492
- [2]. A Chemsas, Y Labbi, M Hettiri, S Ghendir, R Ajgou, H Ghodbane, **New semi-blind approach to optimize turbo decoding for a cauchy  $\alpha$ -stable impulsive noise channel**, *Journal of Fundamental and Applied Sciences* 10 (2), 2018.
- [3]. Y Labbi, D Benattous, **A Hybrid Big Bang–Big Crunch optimization algorithm for solving the different economic load dispatch problems**, *International Journal of System Assurance Engineering and Management*, 8(2), 2017, 275-286.
- [4]. Y Labbi, D Benattous, HA Gabbar, B Mahdad, A Zidan, **A new rooted tree optimization algorithm for economic dispatch with valve-point effect**, *International Journal of Electrical Power & Energy Systems* 79, 2016, 298-311
- [5]. HA Gabbar, Y Labbi, L Bower, D Pandya, **Performance optimization of integrated gas and power within microgrids using hybrid PSO–PS algorithm**, *International Journal of Energy Research* 40 (7), 2016, 971-982
- [6]. Y Labbi, D Benattous, B Mahdad, **Artificial bee colony optimization for economic dispatch with valve point effect**, *Frontiers in Energy* 8 (4), 2014, 449-458
- [7]. Y Labbi, A Labbi, Z Becer, D Benattous, **Big Bang–Big Crunch Optimization Algorithm for the Maximum Power Point Tracking in Photovoltaic System**, *J. Mod. Eng. Res.* 4, 2014,
- [8]. Y Labbi, D Benattous, **A genetic algorithm to solve the thermal unit commitment problem**, *International Journal of Power and Energy Conversion* 5 (4), 2014, 344-360
- [9]. Y Labbi, D Benattous, **Environmental/economic power dispatch using a Hybrid Big Bang–Big Crunch optimization algorithm**, *International Journal of System Assurance Engineering and Management* 5 (4 ),2014, 602-610
- [10]. Y Labbi, D Benattous, **A hybrid particle swarm optimization and pattern search method to solve the economic load dispatch problem**, *International Journal of System Assurance Engineering and Management* 5 (3 ), 2014, 435-443
- [11]. Y Labbi, D Benattous, **Maximum Photovoltaic Power Tracking under Different Conditions Using a Genetic Algorithm and Particle Swarm Optimization**, *Journal of Electrical and Control Engineering* Dec 2 (6),2012, 7-13
- [12]. Y Labbi, D Benattous, **Genetic Algorithm for the Maximum Operating Point in Photovoltaic System**, *Journal of Electric Engeneering* 11, 2011, 201-214
- [13]. Y Labbi, D Benattous, **BIG BANG-BIG CRUNCH OPTIMIZATION ALGORITHM FOR ECONOMIC DISPATCH WITH VALVE-POINT**, *Journal of Theoretical & Applied Information Technology* 16, 2010
- [14]. Y Labbi, D Benattous, **A HYBRID GA-PS METHOD TO SOLVE THE ECONOMIC LOAD DISPATCH PROBLEM**, *Journal of Theoretical & Applied Information Technology* 15, 2010
- [15]. Y Labbi, D Benattous, **A New Maximum Power Point Tracker of Photovoltaic Arrays Using Particle Swarm Optimization**, *Ariser: Journal of ARISE*, 2010-2-10-REEF
- [16]. H Serhoud, D Benattous, Y Labbi, **Simulation of New Simple Fuzzy Logic Maximum Power Point Tracker for Photovoltaic Array**, *Journal of Fundamental and Applied Sciences* 2 (1), 2010, 98-108

- [17]. Y Labbi, D Benattous, H Sarhoud, **Particle Swarm Optimization Based of the Maximum Photovoltaic Power Tracking under Different Conditions**, *Journal of Fundamental and Applied Sciences 2 (1)*, 2010, 62-74
- [18]. Y Labbi, D Benattous, **Combined Economic and Emission Dispatch Using Big Bang–Big Crunch Optimization Algorithm**, *ICEN'2010 – International Conference on Electrical Networks*, 2010, Sidi Bel-Abbès, Algeria
- [19]. Y Labbi, D Benattous, **Application of a particle swarm optimization in an optimal power flow**, *Journal of Fundamental and Applied Sciences 2 (2)*, 2010, 241-253
- [20]. D Benattous, Y Labbi, **Particle swarm optimization based optimal power flow for units with non-smooth fuel cost functions**, *2009 International Conference on Electrical and Electronics Engineering-ELECO 2009*, I-377-I-381

## Disciplines

Algorithms  
 Artificial Intelligence  
 Electrical Engineering  
 Control Systems Engineering  
 Computer Engineering

## Compétences

Electrical Power Engineering, Artificial Intelligence, Heuristics, Optimization Methods, Renewable Energy, Software Engineering, Algorithms, Control Systems Engineering, Applied and Computational Mathematics, Power Systems Analysis, Particle Swarm Optimization, Optimization, Genetic Algorithm, Optimization Algorithms, Combinatorial Optimization, Multi-objective Optimization, Scheduling, Ant Colony Optimization, Evolutionary Computation, Evolutionary Multi-objective Optimization, Swarm Intelligence, Bio-Inspired Computing, Global Optimization, Simulated Annealing, Differential Evolution, Optimization Modeling, Metaheuristic Algorithm, Mathematical Programming