

**DR. YACINE M. KHETIB***Professor, Mechanical Engineering Dept., King Abdulaziz University***Education**

<i>Degree</i>	<i>Field</i>	<i>Institution</i>	<i>Year</i>
PhD	Refrigeration and Air Conditioning Engineering	INSA Lyon France/University of Constantine Algeria	2001
MS	Refrigeration and Air Conditioning Engineering	University of Constantine Algeria	1989
BS	Refrigeration and Air Conditioning Engineering	University of Constantine Algeria	1985

**Academic Experience**

<i>From</i>	<i>To</i>	<i>Institution</i>	<i>Rank</i>	<i>Title (Chair, Coordinator, etc.)</i>	<i>Full or Part Time</i>
1985	1990	University of Constantine Algeria	Assistant		Full Time
1990	1991	University of Constantine Algeria	Lecturer		Full Time
1991	1993	University of Constantine Algeria	Senior Lecturer		Full Time
1993	2004	University of Constantine Algeria	Assistant Professor		Full Time
2004	2010	University of Constantine Algeria	Associate Professor		Full Time
2010	2011	University of Constantine Algeria	Professor		Full Time
2011	date	King Abdulaziz Univ.	Professor		Full Time

**Funded Research Projects and Patents from the Past Five Years**

1. Principal Investigator of three Nationals projects of research in the Refrigeration and Air Cond. Department Engineering, University of Constantine (Algeria), 2011.

**Certifications and Professional Registrations**

Licensed Professional Engineer in Algeria

**Current Membership in Professional Societies and Organizations**

	<i>Society/organization</i>	<i>Rank</i>	<i>Member Since</i>
1.	Chairman of Scientific Research Laboratory “Energy and Environment” University of Constantine	Chairman	2009
2.	Member of International Institute of Refrigeration and Representative of Algeria to the IIR and member at	Member	2008

Commission C1 in the IIR at Paris (France) since 2008 till now.

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| 3. Member-Reviewer within the International Journal “Desalination, Elsevier”. | Member | 2009 |
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### **Institutional and Professional Services** (*administration, committees, units, etc.*)

1. Supervised 09 Master Students (09 submitted and finished)
2. Chairman of the Scientific Committee of the Department Refrigeration and Air Conditioning Engineering, University of Constantine, Algeria, since 2003 till Jan 2008.
3. Member of Scientific Council of Faculty of Engineering University of Constantine, Algeria, since 2003 till Jan 2010.
4. Member IEEE Gulf Region Accreditation Subcommittee, IEEE Committee on Global Accreditation Activities, 2010- present.
5. Member-Reviewer in many international congress.

### **Principal Publications/Presentations from the Past Five Years**

1. Y. Khetib, O. Larkeche, A-H. Meniai, A. Radwan, The use of the group contribution concept for the computer-aided design of working fluids in refrigeration machines, Chemical Engineering and Technology, 36, 1924–1934, 2013.
2. Larkeche O., Meniai A. H.; Zermane A., **Khetib Y**, Cachot T., Study of new absorption refrigeration cycle operating with partially miscible fluids pairs, Energy Procedia, 18 (2012) 1013- 1022, Elsevier.
3. **Khetib Yacine**, Kaabi Abdenacer, Method of contribution’s group in the refrigerants design using computation, 10<sup>th</sup> REHVA World Congress “Sustainable Energy Use in Buildings”, CLIMA 2010, du 9 au 12 Mai 2010, Antalya, Turquie, **ISBN Code 978-975-6907-14-6.**
4. **Khetib Yacine**, Derghout Zoheir, Investigating of the refrigeration cycle of ejecto-compressor and its application in the refrigeration, 10<sup>th</sup> REHVA World Congress “Sustainable Energy Use in Buildings”, CLIMA 2010, du 9 au 12 Mai 2010, Antalya, Turquie, **ISBN Code 978-975-6907-14-6.**
5. **Khetib Yacine**, A. H. Meniai, A. Lallemand, Computer-Aided design of CFC and HCFC substitutes using group contribution methods, DESALINATION, 239, 82-91, 2009.
6. **Khetib Yacine**, Kaabi A. Bounouia A. S. The protection of building equipment and buildings from fires, The international Symposium on disaster Management, from 3<sup>rd</sup> to 6<sup>th</sup> of October 2009, Riyadh, Kingdom of Saudi Arabia.
7. **Khetib Yacine**, Khalfaoui F. The disparities of the temporal and spatial extent of the changes of the solid particles, and its relation to rainfall and the surface water flow in the basin Oued Rhumel, The international conference on water conservation in arid regions, from 10<sup>th</sup> to 12<sup>th</sup> of October 2009, Riyadh, Kingdom of Saudi Arabia.