

A. CONTACT INFORMATION				
Last Name: SALIAH-HASSANE		First Name: Hamadou		
Main affiliation: Université TELUQ 5800 rue Saint-Denis Montreal, QC, H2S 3L5		Cellulaire: +1 (514) 214 0799		
		Domicile: +1 (514) 384 9295		
		Courriel: hsaliah@ieee.org - https://cloudlad.org/		
Biographie				
<p>Le professeur Saliah-Hassane est titulaire d'un doctorat en génie électrique et informatique de l'université McGill à Montréal, d'une licence et d'une maîtrise en sciences appliquées de l'École polytechnique de Montréal, au Canada. Il enseigne actuellement l'informatique et les réseaux informatiques et la sécurité à l'université TELUQ de Montréal, où il mène des recherches sur les systèmes distribués intelligents et la robotique mobile. Le professeur Saliah-Hassane a reçu de nombreux prix en reconnaissance pour ses réalisations, notamment plusieurs certificats d'appréciation de l'IEEE Education Society, le EdWin C. Jones, Jr. Meritorious Service Award (2019). Et, en lien avec ses travaux sur les systèmes embarqués répartis, le prix de l'Association des normes de l'IEEE avec appréciation pour la présidence et la contribution au développement de la norme IEEE 1876™ - 2019 sur les "Objets d'apprentissage intelligents en réseau pour les laboratoires en ligne" (2019), le groupe de travail présidé par le Prof. Saliah-Hassane avait mérité le prix des technologies émergentes de l'Association de normalisation de IEEE SA.. Sous la direction, en tant que président du chapitre de la Société d'éducation de l'IEEE de Montréal (2005-2022), le chapitre a reçu le "2019 Chapter Achievement Award for sustained contributions of innovative educational and professional activities in the community" (Prix d'excellence du chapitre 2019 pour des contributions soutenues à des activités éducatives et professionnelles novatrices dans la communauté).</p> <p>Le professeur Saliah-Hassane est le vice-président des activités éducatives de l'IEEE Education Society (2022 -2023). Il est membre du Conseil d'administration de la Conférence internationale des formations d'ingénieurs et techniciens d'expression française (CITEF) (2021-2025). Il est également membre de l'Ordre des ingénieurs du Québec (OIQ), de l'American Society for Engineering Education (ASEE), de l'African Engineering Education Association (AEEA) et a été membre du conseil d'administration de l'IEEE Education Society (2007-2013 et 2014-2017) et ancien président de son comité des normes. Le professeur Saliah-Hassane a été Chef du département de génie électrique d'une école régionale africaine d'ingénieurs des mines, de l'industrie et de la géologie (EMIG) comprenant sept pays au Niger (1988-1994). Il avait contribué, en collaboration avec l'École nationale supérieure des mines de Paris, à l'ingénierie pédagogique de l'ÉMIG qui avait permis la finalisation des projets d'infrastructures ainsi que les programmes d'étude.</p> <p>Le professeur Saliah-Hassane a reçu le "2005 Achievement Award" de l'International Network for Engineering Education (INEER) pour "Research and Innovation on Online laboratories and for the Advancement of International Collaboration" (recherche et innovation sur les laboratoires en ligne et pour l'avancement de la collaboration internationale). Il est l'un des membres fondateurs du Global Online Laboratory Consortium (GOLC) (2009), qui a fusionné avec l'International Association for Online Engineering (IAOE), dont le professeur Saliah-Hassane est membre du comité exécutif. En 2012, le professeur Saliah-Hassane a reçu la plus haute distinction académique "Commander. de l'Ordre des Palmes Académiques" par la République du Niger, son pays d'origine.</p>				
B. FORMATION				
Diplômes	Spécialisation	Institution et Pays	Début (MM/AA)	Fin (MM/AA)
Ph.D.	Electrical and Computer Engineering	McGill University	09/1992	01/2000
M.Sc.A	Génie électrique	École Polytechnique de Montréal	05/1981	12/1983
B.ing.	Génie électrique	École Polytechnique de Montréal	01/1978	04/1981
D.U.T	Electronique	Université de Dakar, Sénégal	10/1974	07/1976
C. EXPERIENCE PROFESSIONNELLE				
Fonction	Institution et Pays	Département & Faculté	Début	Fin

CV-Hamadou Saliah-Hassane

Professeur titulaire	Université TELUQ	Département Science et technologie	2009	-
Président du comité de la recherche	Université TELUQ	Université TELUQ	2004	2006
Directeur des programmes	École des technologies de l'information (ETI)	Consortium : TELUQ, UQAM & École de technologie supérieure (ÉTS)	2003	2004

Professeur	Université TELUQ	Département Science et technology	1999	2009
Chercheur	LICEF/CIRTA	Génie informatique; Systèmes embarqués répartis	1997	2014
Chef de département Génie électrique	École des Mines et de l'Industrie, Niamey, Niger	Génie électrique	1988	1994
Chercheur invité	Centre de recherche sur l'informatisation du travail. Laval, QC	Équipe : Systèmes de support à la performance.	1991	1991
Enseignant chercheur	Université de Niamey / Université Abdou Moumouni, Niger	Département: Physique, Faculty des Sciences	1985	1987
Assistant d'enseignement et de recherche	École Polytechnique Montréal, QC	Génie électrique / Électrotechnique	1981	1999

PROFESSIONAL EXPERIENCE – Other Educational Institutions

Professeur Associé	Université de Diffa	Faculté d'agronomie	2015	2019
Professeur Associé	Université Dan Dicko Dankoulodo, Maradi, Niger	Faculté des sciences	2015	2016
Professeur Associé	Université Abdou Moumouni, Niamey, Niger	Faculté des sciences	2013	2023

D. Quelques participations aux conseils d'administration, comités exécutifs et de comités de thèse de doctorats

CITEF : Membre du Conseil d'administration (2021 – 2025) de la Conférence internationale des formations d'ingénieurs et techniciens d'expression française - <http://www.reseau-citef.org/>

IAOE : Membre du Comité exécutif (2019 -2023) de « International Association of Online Engineering (IAOE) - http://online-engineering.org/IAOE_leadership.php#exec

Université TELUQ et Université du Québec à Montréal: Programme du doctorat en Informatique cognitive

Université Abdou Moumouni, Niger: École doctorale - Physique et Informatique

Université Gaston Berger, St-Louis, Sénégal: Programme de doctorat – Physique et Technologies Appliquées

Sam Houston State University, USA: PhD program in Computer Science

Florida Atlantic University, USA: Affiliate Professor at the Department of Electrical Engineering and Computer Science in the College of Engineering and Computer Science

E. PRIX, RECONNAISSANCES et DISTINCTIONS		
Prix / Reconnaissances	Institution et pays	Année
IEEE TA and IEEE MGA <i>“hereby expresses its appreciation for Notable Services and Contributions towards the advancement of IEEE and the Engineering Professions to Hamadou Saliah-Hassane, Chair E25 Society Chapter, Montreal Section 2005-2022”</i>	IEEE Technical Activities (TA) & IEEE Member and Geographic Activities (MGA), Piscataway NJ, (USA)	2024
The IEEE 2023 Service Award <i>“for his outstanding services within the IEEE Montreal Education Chapter”</i>	IEEE Montreal Section	2023
IEEE Certificate of Recognition <i>“for his Outstanding Collaborative Research on Digital Forensics, Cybersecurity, and Student Mentoring for International Symposium on Digital Forensics and security.”</i>	IEEE International Symposium on Digital Forensics and Security, USA	2023
IEEE Education Society’s Certificate of Appreciation <i>“In recognition for your contributions to the IEEE Education Society as a Founding Member and Chair of the IEEE Education Society Standards Committee from 2010-2021”</i>	IEEE Education Society, Piscataway NJ, (USA)	2021
IEEE Education Society’s Certificate of Appreciation <i>“In recognition for time and effort as the 2020 Standards Committee Chair”</i>	IEEE Education Society, Piscataway NJ, (USA)	2020
2020 IEEE Education Society Chapter Achievement Award <i>“for sustained contributions of innovative educational and professional activities in the community”.</i>	IEEE Education Society, Piscataway NJ, (USA)	2020
ENSIAS, <i>“For his long-standing research collaboration with students and academics on the topics of next generation networks and services, distance learning systems and standardization of remote laboratories”.</i>	École nationale supérieure d'informatique et d'analyse des systèmes (ENSIAS), Rabat, (Morocco)	2019
IEEE SA 2019 Emerging Technology Award for the Working Group I lead (2011 - 2019)	IEEE Education Standards Association, Piscataway NJ, (USA)	2019

CV-Hamadou Saliah-Hassane

Edwin C. Jones, Jr. Meritorious Service Award “for sustained wide-ranging pioneering contributions to the IEEE Education Society”	IEEE Education Society, Piscataway NJ, (USA)	2019
Recognition for contributions and leadership as the Chair of Education	IEEE Education Society, Piscataway NJ, (USA)	2017-2018
Society Standards Committee (IEEE Education Society President)		
Certificate of Appreciation – Member at large & Chair of Standards Committee (IEEE Education Society President)	IEEE Education Society, Piscataway NJ, (USA)	2015-2017
Recognition & Appreciation (IEEE EdSoc President); Chair and Founder of EdSoc Standards Committee)	IEEE Education Society, Piscataway NJ, (USA)	2014
Exceptional contribution (General Chair of ICELIE Conference)	IEEE Industrial Electronics Society, Piscataway NJ, (USA)	2012
Recognition / Contribution Board of Governors IEEE Education Society	IEEE Education Society, Piscataway NJ, (USA)	2012
Commander of the Order of Academic Palms (President of Republic of Niger)	Republic of Niger	2011
Leadership Recognition (EdSoc Standards Committee)	IEEE Education Society, Piscataway NJ, (USA)	2011
Témoignage de satisfaction / Formation de formateurs	Direction générale des études technologiques / Réseau des instituts supérieurs d’études technologiques, Tunisie	2009
Certificate of Recognition for Service to the IEEE Education Activity Board TISP Program (EAB)	TISP (Teachers in Service Programme), Montreal, Canada	2009
Certificat d’appréciation du VP activités techniques de IEEE	IEEE Headquarters, Piscataway NJ, (USA)	2009
Achievement Award for International collaboration, & Research on Online Laboratories	International Network on Engineering Education & Research (iNEER) (USA)	2005
Certificate of Professional Recognition of Senior Member of IEEE	IEEE Headquarters, Piscataway NJ, (USA)	2002
Entrepreneurship Award	USAID, Niger	1998
Advanced Scholarship; Canadian International Development Agency-CIDA)	PhD program, McGill University, Montreal	1992-1997
Graduate Student Scholarship (CIDA)	Educational Technology, University of Montreal	1991-1991
Graduate Student Scholarship (CIDA)	M. A. Sc. École Polytechnique de Montréal	1981-1983
Undergraduate Student Scholarship (CIDA)	Bachelor École Polytechnique de Montréal	1978-1981
Bourse d’études, Niger	Université de Dakar, Sénégal	1974-1976

F. ENSEIGNEMENT

TELUQ University since 1999

1. Programmation orientée objet avec C ++ (INF 2005)
2. Programmation orientée objet avec Java (INF 2015)
3. Réseaux d'entreprise (INF 1160)
4. Comprendre l'ordinateur (INF 1130)
5. Système sans fil et informatique mobile (INF 1170)
6. Réseaux et sécurité des systèmes informatiques (INF 1165)
7. Travail scientifique et technologie de l'information (SCI 1230)

CV-Hamadou Saliah-Hassane

8. Méthodologie de recherche scientifique (SCI 1013)
9. Réseaux et sécurité des systèmes informatiques (INF 6065)

École des mines de l'industrie et de la géologie (EMIG), Niamey, Niger (1988-1991)

1. Machines électriques et systèmes de puissance
2. Technologies appliquées
3. Électronique et technologies appliquées

Université de Niamey, Niger (1985-1987)

1. Machines électriques et systèmes de puissance
2. Électricité et magnétisme
3. Hyperfréquence

G. DOMAINES DE SPECIALISATION

INGÉNIERIE ÉLECTRIQUE ET ÉLECTRONIQUE : (Instrumentation, mesure et contrôle, automatique et robotique mobile, conception et expérimentation assistées par ordinateur, systèmes de puissance)

TECHNOLOGIE DE L'INFORMATION : SCIENCE DE L'ORDINATEUR (conception, développement et gestion de systèmes distribués, intelligence artificielle, mise en réseau)

TECHNOLOGIE DE L'INFORMATION : ENSEIGNEMENT (Laboratoires à distance et laboratoires mobiles)

H. PUBLICATIONS :

https://scholar.google.com/citations?hl=fr&user=qfn18UAAAAJ&view_op=list_works&sortby=pubdate

PhD thesis at McGill University – Artificial Intelligence applied to the Design of Magnetic Electrical Components

[“The implementation of generalised models of magnetic materials using artificial neural networks”](#)

Articles publiés dans des revues à comité de lecture

E. San Cristóbal Ruiz, R. Pastor Vargas, R. Gil Ortego, R. Meier, H. Saliah-Hassane and M. Castro, "Vulnerability Assessment of Learning Management Systems," in IT Professional, vol. 25, no. 1, pp. 60-67, Jan.-Feb. 2023, doi: 10.1109/MITP.2022.3204640.

Angeloni, M.P.C., Saliah-Hassane, H., da Silva, J.B., Alves, J.B.d.M. (2021). Model to Evaluate Users' Engagement to Augmented Reality Using xAPI. In: Auer, M., May, D. (eds) Cross Reality and Data Science in Engineering. REV 2020. Advances in Intelligent Systems and Computing, vol 1231. Springer, Cham. https://doi.org/10.1007/978-3-030-52575-0_26

Mellos Carlos, L., Schardosim Simão, J.P., Saliah-Hassane, H., Silva, J.B.d., Mota Alves, J.B.d. (2020). Design and Implementation of an Architecture for Hybrid Labs. In: Auer, M., Ram B., K. (eds) Cyber-physical Systems and Digital Twins. REV2019 2019. Lecture Notes in Networks and Systems, vol 80. Springer, Cham. https://doi.org/10.1007/978-3-030-23162-0_13

E. Maalouf, M. Saad, H. Saliah-Hassane, " Integration of a novel path planning and control technique in a navigation strategy", Int. J. Modelling, Identification and Control, vol. 1, no.1, 2006, pp. 52-62

E. Maalouf, M. Saad, H. Saliah-Hassane, " An Intelligent Path Tracking Controller for Four-Wheel differentially Steered Mobile Robot ", Journal of Robotics and Autonomous Systems, Vol. 54, 2006, pp. 23-33.

I. Abari, S. Pierre, H. Saliah-Hassane, "Laboratory E-Notebooks: A Learning Object-Based Repository", Journal of STEM Education Volume 7 • Issue 1&2 January–June 2006

Y. Yan, Y. Liang, X. Du, H. Saliah-Hassane, A. Ghorbani, " Putting Labs Online with Web Services ", IEEE IT Professional, March-April, 2006, pp. 37-44.

H. H. Saliah, D. A. Lowther, B. Forghani, " Generalised Material Models for Coupled Magnetic Analysis ", COMPUMAG 99, Sapporo, Japan, 1999, Published in IEEE Transactions on Magnetics, Vol. 36, No. 4, 2000, pp. 1250-1253.

H. H. Saliah, D. A. Lowther, B. Forghani, "Modeling Magnetic Materials using Artificial Neural Networks", COMPUMAG 97, Rio de Janeiro, Brazil, November 3-6, 1997. Published in IEEE Transactions on Magnetics, Vol. 34, No. 5, 1998, pp. 3096-3059.

H. H. Saliah, D. A. Lowther, "A Neural Network Model of Magnetic Hysteresis for Computational Magnetics", IEEE Transactions on Magnetics, Vol. 33, No. 5, 1997, pp. 4146-4148.

H. H. Saliah, D. A. Lowther, "Magnetic Material Property Identification Using Neural Networks" Applied Computational Electromagnetics Society Journal (ACES), Vol. 12, No. 2, 1997.

H. H. Saliah, D.A. Lowther "The Use of Neural Networks in Magnetic Hysteresis Identification", Physica B Condensed Matter, Volume 233, No. 4, June 1, 1997, pp. 318-323.

H. H. Saliah, D. Mukhedkar, G. Raymond, "Contribution à l'évaluation des tensions sur les neutres des réseaux de distribution lors d'un défaut", Revue Générale d'Électricité (RGE), Janvier 1985, France.

Contributions to a collective work (book chapters)

"IEEE Standard for Networked Smart Learning Objects for Online Laboratories," in *IEEE Std 1876-2019*, vol., no., pp.1-57, 30 May 2019, doi: 10.1109/IEEESTD.2019.8723446.

H. Saliyah-Hassane, J. Shockley et al, "IEEE Standard for Networked Smart Learning Objects for Online Laboratories," in *IEEE Std 1876-2019*, vol., no., pp.1-57, 30 May 2019, doi: 10.1109/IEEESTD.2019.8723446.

Agence universitaire de la francophonie (AUF), "Le livre blanc de l'Agence universitaire de la francophonie sur le numérique éducatif dans l'enseignement supérieur", (Co-rédigé par Richard Canal et al), Achevé d'imprimer par la Société LEN, France, 2013 (Synthèse de 50 pages)

W. Aung, B. Alexander, H. Saliyah-Hassane, F. E. Sandnes (editors) "[INNOVATIONS 2013, World Innovations in Engineering Education and Research](#)"; BEGELL HOUSE PUBLISHING, 2013

Driss Bouzidi, Driss El Ouadghiri, Hamadou Saliyah-Hassane, (Guest editors), "Special Issue on Next Generation Networks", *International Journal of Mobile Computing and Multimedia Communications*, Vol. 4 No. 1, January-March, 2012, ISSN:1937-9412

Agence universitaire de la francophonie (AUF), "Le livre blanc de l'Agence universitaire de la francophonie sur le numérique éducatif dans l'enseignement supérieur", (Co-rédigé par Richard Canal et al), Achevé d'imprimer par la Société LEN, France, 2013 (Synthèse de 50 pages)

Mhamdi, H. Saliyah-Hassane, R. Braham "Supporting Semantic Data and 3D Virtual Models: A Distance Learning Environment for Embedded Systems ", in W. Aung, B. Alexander, H. Saliyah-Hassane, F. E. Sandnes (eds.) "INNOVATIONS 2013, World Innovations in Engineering Education and Research"; BEGELL HOUSE PUBLISHING, 2013, Chap. 6, Pages.51-70.

Ngom, I, H. Saliyah-Hassane, C. Lishou, "Mobile Laboratory Model for Next-Generation Heterogeneous Wireless Systems", in *Internet Accessible Remote Laboratories: Scalable E-Learning Tools for Engineering and Science Disciplines*, Abul K.M. Azad, Michael E. Auer and V. Judson Harward eds, pages 511-528, 2012

M. Mhamdi, R. Braham, M. Moalla, H. Saliah-Hassane, "A Virtual Vérification and Excecution of Grafcet Using VRML", dans W. Aung, P. Hicks, R. Altenkirch, T. Cermak, R. W. King (eds.) "INNOVATIONS 2004, World Innovations in Engineering Education and Research"; BEGELL HOUSE PUBLISHING, 2004, Chap. 34, pp.381-396.

H. H. Saliah, C. Loizeau, P. Dumont-Burnett, "Design of a Web-Based Virtual Laboratory Instrument Measurement Interface", dans W. Aung, P. Hicks, L. Scavarda, V. Roubicek, C. Wei (eds.) "Engineering Education and Research 2001, A Chronicle of Worldwide Innovations"; BEGELL HOUSE PUBLISHING, 2002, Chap. 13, pp.127-134.

M. Saad, H. Saliah-Hassane, H. Hassan, Z. El-Guétoui, M. Cheriet, "A Synchronous Remote Accessing Control Laboratory on the Internet", dans W. Aung, P. Hicks, L. Scavarda, V. Roubicek, C. Wei (eds.) "Engineering Education 2001, A Chronicle of Worldwide Innovations"; BEGELL HOUSE PUBLISHING, 2002, Chap. 16, pp.161-167.

H. H. Saliah, I. De La Teja, M. Saad, "Outils, environnement et méthodologie pour l'encadrement et la formation d'équipes multidisciplinaires en génie travaillant en réseau par le Web", dans Prospectives Francophones, B. Leduc (ed.) "Former des Ingénieurs par l'université virtuelle", Presses Universitaires de Bruxelles, a.s.b.l., 2001, pp. 125-140.

H. H. Saliah "Formation, coopération et assistance technique à distance médiatisées" dans Prospectives Francophones, "Les nouveaux défis des Écoles d'ingénieurs", Presses Universitaires de Bruxelles, a.s.b.l., 1997, pp. 111-126.

Articles de conférence évalués par les pairs

H. Bouijij, A. Berqia and H. Saliah-Hassane, "Phishing URL classification using Extra-Tree and DNN," 2022 10th International Symposium on Digital Forensics and Security (ISDFS), Istanbul, Turkey, 2022, pp. 1-6, doi: 10.1109/ISDFS55398.2022.9800795.

Berejuck, M.D., Matias, J.C., Werner, E., Saliah-Hassane, H. (2022). Work-in Progress: Development of an E-learning FPGA Platform Following the IEEE SA Std. 1876 - 2019 Standard for Networked Smart Learning Objects for Online Laboratories. In: Auer, M.E., Bhimavaram, K.R., Yue, XG. (eds) Online Engineering and Society 4.0. REV 2021. Lecture Notes in Networks and Systems, vol 298. Springer, Cham. https://doi.org/10.1007/978-3-030-82529-4_1

E. Werner, J. C. Matias, M. Daniel Berejuck and H. Saliah-Hassane, "Evaluation of blockchain techniques to ensure secure access on remote FPGA laboratories," 2021 9th International Symposium on Digital Forensics and Security (ISDFS), Elazig, Turkey, 2021, pp. 1-6, doi: 10.1109/ISDFS52919.2021.9486318. E

Werner, E., Matias, J.C., Berejuck, M.D., Saliah-Hassane, H. (2022). Main Attacks and Ways to Keep Security Guidelines Updated in Remote Laboratories. In: Auer, M.E., Bhimavaram, K.R., Yue, XG. (eds) Online Engineering and Society 4.0. REV 2021. Lecture Notes in Networks and Systems, vol 298. Springer, Cham. https://doi.org/10.1007/978-3-030-82529-4_12

K. Edström et al., "Review Unto Others As You Would Have Others Review Unto You," 2020 IEEE Frontiers in Education Conference (FIE), Uppsala, Sweden, 2020, pp. 1-2, doi: 10.1109/FIE44824.2020.9274132.

F. Moghaddam et al., "Massive Open Online Labs (MOOLs): An Innovative Solution to Achieving SDGs in the Global South," 2019 5th Experiment International Conference (exp.at'19), Funchal, Portugal, 2019, pp. 394-398, doi: 10.1109/EXPAT.2019.8876540.

- L. F. Zapata-Rivera et al., "Scalable. Ad Hoc, Low Cost, Mobile, Online Laboratories," 2018 Learning With MOOCS (LWMOOCS), Madrid, Spain, 2018, pp. 155-158, doi: 10.1109/LWMOOCS.2018.8534612.
- H Saliyah-Hassane, L. Wait, J. Mason and B. Chadwick, "Panel Session—Learning Technology Standards," 2018 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE), Wollongong, NSW, Australia, 2018, pp. 1239-1241, doi: 10.1109/TALE.2018.8615276..
- Barragán, P.P., Rodriguez-Artacho, M., Cristobal, E.S., Castro, M., Saliyah-Hassane, H. (2019). Poster: An Experience API Framework to Describe Learning Interactions from On-line Laboratories. In: Auer, M., Langmann, R. (eds) Smart Industry & Smart Education. REV 2018. Lecture Notes in Networks and Systems, vol 47. Springer, Cham. https://doi.org/10.1007/978-3-319-95678-7_34
- H. Saliyah-Hassane et al., "Special Session—Online Laboratories in Engineering Education: Innovation, Disruption, and Future Potential," 2018 IEEE International Conference on Teaching, Assessment, and Learning for Engineering (TALE), Wollongong, NSW, Australia, 2018, pp. 1228-1232, doi: 10.1109/TALE.2018.8615131.
- O. Sadio, I. Ngom, C. Lishou and H. Saliyah-Hassane, "Improving security and mobility for remote access: A wireless sensor network case," 2015 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), Kozhikode, India, 2015, pp. 1-5, doi: 10.1109/SPICES.2015.7091369.
- A. D. Gueye, D. E. Moussavou, H. Saliyah-Hassane, S. Ouya, I. Sanogo and C. Lishou, "Dynamic publishing and availability management of virtual machines in Virtual Organization," 2015 IEEE Global Engineering Education Conference (EDUCON), Tallinn, Estonia, 2015, pp. 793-798, doi: 10.1109/EDUCON.2015.7096062.
- I. Ngom, O. Sadio, C. Lishou, M. L. Mboup and H. Saliyah-Hassane, "Wireless interworking gateways/interfaces hypervisor for mobile laboratory," 2015 2nd World Symposium on Web Applications and Networking (WSWAN), Sousse, Tunisia, 2015, pp. 1-7, doi: 10.1109/WSWAN.2015.7210359.
- O. Sadio, I. Ngom, C. Lishou and H. Saliyah-Hassane, "Enhanced controller of mobility for a new generation of mobile laboratory," 2015 Science and Information Conference (SAI), London, UK, 2015, pp. 1018-1027, doi: 10.1109/SAI.2015.7237267.
- O. Sadio, I. Ngom, C. Lishou and H. Saliyah-Hassane, "Improving security and mobility for remote access: A wireless sensor network case," 2015 IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (SPICES), Kozhikode, India, 2015, pp. 1-5, doi: 10.1109/SPICES.2015.7091369.
- M. Tawfik et al., "Laboratory as a Service (LaaS): A model for developing and implementing remote laboratories as modular components," 2014 11th International Conference on Remote Engineering and Virtual Instrumentation (REV), Porto, Portugal, 2014, pp. 11-20, doi: 10.1109/REV.2014.6784238.
- H. Saliyah-Hassane and A. Reuzeau, "Mobile open online laboratories: A way towards connectionist massive online laboratories with x-API (c-MOOLs)," 2014 IEEE Frontiers in Education Conference (FIE) Proceedings, Madrid, Spain, 2014, pp. 1-7, doi: 10.1109/FIE.2014.7044172.
- A. Dahirou Gueye, S. Ouya, C. Lishou, I. Sanogo and H. Saliyah-Hassane, "Decentralized authentication method for accessing pedagogical resources in a cloud computing based virtual organization," 2014 International Conference on Interactive Collaborative Learning (ICL), Dubai, United Arab Emirates, 2014, pp. 656-662, doi: 10.1109/ICL.2014.7017848.
- M. Mahieddine, H. Saliyah-Hassane, A. Berqia, A. E. Tchoketch-Kebir, "Pattern-based Ontology Learning Technique for Modeling Intelligent Agents in J2ME", 26th ISCA International Conference on Computers and

Their Applications in Industry and Engineering (CAINE-2013), September 25-27 2013, Los Angeles (USA)

M. Mhamdi, H. Saliah-Hassane, R. Braham, “Expressed in UML4ODP: an Engineering Specification of a Distributed Environment for Teaching Embedded Systems”, Proceedings of The 2013 International Conference on Engineering Education and Research (ICEER 2013) 1-5 July 2013, Marrakech, Morocco

H. Kane, H. Saliah-Hassane, D. Karimou, J-S Deschenes, V. Nerguizian and R. Mhiri, “ A planning model for resources access management for online laboratory”, Proceedings of The 2013 International Conference on Engineering Education and Research (ICEER 2013) 1-5 July 2013, Marrakech, Morocco

D. Gueye, D. E. Moussavou, S. Ouya, H. Saliah-Hassane and C. Lishou, “Proposal of a standard mutual authentication system in a virtual organization”, Proceedings of The 2013 International Conference on Engineering Education and Research (ICEER 2013) 1-5 July 2013, Marrakech, Morocco

I. Ngom, H. Saliah-Hassane, C. Lishou and S. Ouya, “Hypervisor of Wireless Gateways/Interfaces for Mobility and Multihoming of a New Generation of Mobile Laboratory”, Proceedings of The 2013 International Conference on Engineering Education and Research (ICEER 2013) 1-5 July 2013, Marrakech, Morocco

I. Ngom, H. Saliah-Hassane, C. Lishou and S. Ouya, “Control of Mobility for a New Generation of Mobile Laboratory”, Proceedings of The 2013 International Conference on Engineering Education and Research (ICEER 2013) 1-5 July 2013, Marrakech, Morocco

Samson G., Deschênes J-S., Kane H., Mhiri R., Nerguizian V. and Saliyah-Hassane H., “A supportive pedagogical package for distance learning and remote laboratories”, In Proceedings of the CEEA 4th Annual Conference, Montréal, Québec, Canada, 17-20 June 2013.

Saliyah-Hassane, Hamadou; Correia, Raúl Cordeiro; Fonseca, José Manuel, “A Network and Repository for Online Laboratory, based on Ontology”, Proceedings of IEEE EDUCON Conference, 13-15 March 2013 Berlin, Germany

Brown, C.W.; Nyarko, K. ; Karimou, D. ; Saliyah-Hassane, H., “A Depopulation Embedded System Model in Urban Environments”, 2012 IEEE Conference on Technologies for Homeland Security (HST), 13-15 Nov. 2012, Waltham, MA (USA), Pages 483 – 488, ISBN 978-1-4673-2708-4

V. Nerguizian, R. Mhiri, H. Kane, J-S. Deschênes, H. Saliyah-Hassane, M. Saad, “Lab@home for analog electronic circuit laboratory”, IEEE International Conference on E-Learning in Industrial Electronics, (ICELIE 2012), October 25-28, 2012, Montreal, Quebec, Canada.

R. Mhiri, M. Saad, M. Dodo Amadou, G. Brady, S. Ouertani, S. Sahli, H. Saliyah-Hassane, V. Nerguizian, “The experience of a collaborative project on remote laboratory: From development to operation”, IEEE International Conference on E-Learning in Industrial Electronics, (ICELIE 2012), October 25-28, 2012, Montreal, Quebec, Canada).

M. Saad, R. Mhiri, V. Nerguizian, M. Dodo Amadou, H. Saliyah-Hassane, G. Brady, Ouertani, S. Sahli, “Collaborative activities in the remote laboratory work”, International Conference on Interactive Collaborative, (ICL 2012), September 26-28, 2012, Villach, Austria.

Hamadou Saliyah-Hassane, Maarouf Saad and Willie K. Ofusu,”Networked Smart Educational Devices for Online Laboratories”, in Proceedings of the International Conference on Engineering Education and Research 2012, Jerker Björkqvist, Mikko-Jussi Laakso, Janne Roslöf, Raija Tuohi & Seppo Virtanen (eds.), Part 3, Pages 148-153 August 2012, Turku, Finland

J.Henry, O. Gasparyan, B. Serrano-Rosales, I. Ruja, J. Garcia-Zubia, H. Saliyah-Hassane, J.C. Montoya, “Unique Remote Experiments in Engineering: USA, Armenia, Canada, Colombia, Germany, Mexico, Romania & Spain”, The International Conference on Engineering Education and Research "; ICEE 2011 21-26 August 2011 : Belfast, Northern Ireland, UK

H. Saliyah-Hassane, M. Saad, W. K. Ofosu, K. Djibo, H. A. Mayaki, M. M. Dodo Amadou “Lab@Home: Remote Laboratory Evolution in the Cloud Computing Era”, Proceeding of the 2011 American Society for Engineering Education (ASEE) Annual Conference, 26-29 June 2011, Vancouver, Canada

J. Sfeir, M. Saad, H. Saliyah-Hassane “An Improved Artificial Potential Field Approach to Real-Time Mobile Robot Path Planning in an Unknown Environment “, International Symposium on Robotic and Sensors Environments "; ROSE2011, 17-18 September 2011, Montreal, Quebec, Canada

H. Saliyah-Hassane, W. Bannour, M. Mhamdi, “Modelling Laboratory online: case of an implementation of practical work remotely on a digital signal processing kit” "The International Conference on Engineering Education and Research "; ICEE 2008, 28-30 July 2008, Pécs, Hungary.

D. Karimou, J. F. Myoupo, H. Saliyah-Hassane: “A Cluster-Based Distributed Scheme for Intrusion Control in Mobile Ad Hoc Networks”. ICWN 2008: 488-493

S.M. Benslimane, D. Benslimane, S. Suwanmanee, Z. Maamar, H. Saliyah-Hassane: Towards Owl Ontologies from Relational Databases: An HTML-Form Driven Approach. Computers and Their Applications 2007:219-224

S.M. Benslimane, D. Benslimane, M. Malki, Y. Amghar, H. Saliah-Hassane: Acquiring OWL ontologies from data-intensive web sites. ICWE 2006:361-368

H. Saliah-Hassane, A., Khourry, & I de laTeja, "Building a Repository for Online Laboratory Learning Scenarios"; Frontiers in Engineering Education Conference, FIE2006, San Diego, CA, USA.

H. Saliah-Hassane, D. Benslimane, I. De La Teja, B. Fattouh. L.K., G. Paquette, M. Saad, L. Villardier, Y. Yan, "A General Framework for Web Services and Grid-Based Technologies for Online Laboratories", "The International Conference on Engineering Education and Research "; iCEER 2005, 1-5 March 2005, Tainan, Taiwan.

B. Fattouh, H. Saliah-Hassane, "Pedagogical Engineering Fundamentals to Build Robust Software Components", "The International Conference on Engineering Education and Research "; iCEER 2004, 27-30 July 2004, Olomuc, Czech Republic.

M. D. Amadou, H. Saliah, M Saad, "Laboratory in Engineering Courses via Internet", "The International Conference on Engineering Education and Research "; iCEER 2004, 27-30 July 2004, Olomuc, Czech Republic.

M. Mhamdi, H. Saliah, "A Generic 3D Environment to Remotely Drill and Practice on Embedded Automated Systems", "The International Conference on Engineering Education and Research "; iCEER 2004, 27-30 July 2004, Olomuc, Czech Republic.

M. Mhamdi, R. Braham, M. Moalla, H. Saliah, "A Remote Virtual Environment for Multilanguage Cosimulation of Programmable Logic Controller (PLC) Code", MESM'2003 Middle East Symposium on Simulation and Modelling, 5-7 January 2004.

E. Cornieles, M. Saad, G. Gauthier, H. Saliah-Hassane, "Control y Telemanipulación a distancia de un sistema multivariable", CIMENICS VII Congreso Internacional de Métodos Numéricos en Ingeniería y Ciencias Aplicadas, San Cristóbal, 28-30 de abril de 2004.

H. H. Saliah, "Activity Management Tools for Open Engineering Laboratories", Proceedings of the 7th Baltic Region Seminar on Engineering Education, St. Petersburg, Russia, September 4-6, 2003, pp. 245-248.

H. H. Saliah, I. De laTeja, O. Dioume, C. Kedowide, G. Paquette, M. Saad, L. Villardier, "Online Laboratory Brokerage System for Education and Research", "The International Conference on Engineering Education "; ICEE 2003, 21-25 July 2003, Valencia, Spain.

L. Villardier, H. H. Saliah, W. Probst, "ECHO: A Configurable Remote Training and Monitoring Real Time Environment", The International Conference on Engineering Education "; ICEE 2003, 21-25 July 2003, Valencia, Spain.

L. Villardier, H. H. Saliah, L. Sauvé, "A Synchronous Collaborative Environment for Distance Education", "Proceedings of the International Conference on Information Technology Based Higher Education and Training ITHET 2003"; Marrakech, Morocco, July 7-9, 2003

P. Permezel, O. Marcoux, H. H. Saliah, M. Saad, C. Nerguizian, "Generic Simulator Model for Training and Learning in Virtual Laboratory Environments", "E-Learn, World Conference on E-Learning in Corporate, Government, Healthcare and Higher Education"; Montreal, Canada, October 15-19, 2002.

H. H. Saliah, P. Dumont-Burnett, C. Kedowide, "A Framework for Distributed Measurement User Interface", "2002 International Conference on Engineering Education"; Partnership, Policy, Practice, Manchester, UK, August 18-22, 2002.

R. Fils, H. H. Saliah, I. De la Teja, M. Maarouf "A Collaborative Learning System Based on a Shared Interactive Laboratory Notebook", "2002 International Conference on Engineering Education"; Partnership, Policy, Practice, Manchester, UK, August 18-22, 2002.

E. Cornieles, M. Saad, G. Gauthier, H. Saliah-Hassane, "Modeling and Simulation of a Multivariable Process Control", "ELECTRIMACS'2002, Montreal, Canada, August 18-21 2002

H. Kliffi, J. Desbiens, M. Cheriet, M. Saad, H. H. Saliah, "Building a Virtual Laboratory over a Duplicated Object Systems", 2nd International Workshop on Tele-Education in Engineering Using Virtual Laboratories"; WS2002, Sherbrooke, Canada, 8-9 august 2002.

E. Cornieles, M. Saad, G. Gauthier, H. Saliah-Hassane, "Remote Accessing of a Multivariable Process Control", 2nd International Workshop on Tele-Education in Engineering Using Virtual Laboratories"; WS2002, Sherbrooke, Canada, 8-9 august 2002.

H. H. Saliah, C. Loizeau, P. Dumont-Burnett "Design of a Web-Based Virtual Laboratory Instrument Measurement Interface", "2001 International Conference on Engineering Education"; Interfacing the World, Oslo/Burgen, Norway, August 6-12, 2001.

M. Saad, H. Saliah-Hassane, H. Hassan, Z. El-Guétoui, M. Cheriet, "A Synchronous Remote Accessing Control Laboratory on the Internet", "2001 International Conference on Engineering Education"; Interfacing the World, Oslo/Burgen, Norway, August 6-12, 2001.

H. H. Saliah, P. Dumont-Burnett, C. Loizeau "RVLabX, a Web-based Interactive Laboratory Environment for Education and Research", "2001 Frontier in Education Conference"; The Future - Impact on Engineering and Science Education, Reno, October 10-13, 2001.

H. H. Saliah, M. Maarouf, L. Villardier, M. Cheriet, "Evolutive Remote Laboratories for Collaborative Experimentation", "Information Technology Based Higher Education and Training ITHET 2001"; Kumamoto, Japan, July 4-6, 2001.

H. H. Saliah, M. Saad, L. Villardier, B. Assogba, C. Kedowide, T. Wong, " Resource Management Strategies for Remote Virtual Laboratory Experimentation ", "Proceedings of the 2000 Frontier in Education Conference"; Building on a Century of Progress in Engineering Education, Kansas City, October 18-21, 2000.

H. H. Saliah, L. Villardier, "La formation et la recherche en mode synchrone par les réseaux informatiques, une réalité émergeante", colloque sur la "Formation à distance, formation continue et développement" du Centre d'Application et de Ressources en Apprentissage à Distance (CÆRENAD), Dakar-M'bodiène, 30 octobre - 3 novembre 2000.

H. H. Saliah, I. De La Teja, M. Saad, "Outils, environnement et méthodologie pour l'encadrement et la formation d'équipes multidisciplinaires en génie travaillant en réseau par le Web", VIIe Journées Internationales de Technologies de la Conférence Internationale des Institutions de Formations d'Ingénieurs et de Techniciens d'Expression Française (CITEF), publié dans Prospectives Francophones, "Former des Ingénieurs par l'université virtuelle", Beyrouth, Liban, 2-4 mai, 2000.

H. H. Saliah, M. Saad, H. Hassan, De La Teja, "Virtually and remotely accessing and controlling laboratory real devices: A new trend in teaching and learning in engineering", "Proceedings of the International Conference on Information Technology Based Higher Education and Training ITHET 2000"; Istanbul, July 3-5, 2000, pp. 107-114.

H. H. Saliah, "Mesures électroniques et télé-manipulations sur les réseaux informatiques pour la formation, l'apprentissage et le télé-travail collaboratif " Initiatives 99 : Universités virtuelles, vers un enseignement égalitaire, (AUPELF-UREF), Edmunston, 26 et 30 août 1999.

H. H. Saliah, E. Nurse, A. Abecassis, "Design of a Generic, Interactive, Virtual and Remote Electrical Engineering Laboratory" Proceedings of the 1999 Frontier in Education Conference 99: The Future of Science and Engineering Education, San Juan Puerto Rico, November 10 – 13, 1999.

H. H. Saliah, M. Saad, "Virtual Environments for Learning and Training on the Job using the Internet", Proceedings of the Third UNESCO-ACEID International Conference: Educational Innovation for Sustainable Development, Bangkok, Thailand, December 1-4, 1997.

H. H. Saliah, M. Saad, D. Kodjo, "Environnements virtuels de formation et d'apprentissage sur le réseau Internet, du rêve à la réalité", Initiatives 97: Inforoutes et technologies de l'information, une chance pour le développement dans l'espace francophone, (AUPELF-UREF), Hanoi, October 25-26, 1997.

H. H. Saliah, D. A. Lowther, "Magnetic Material Property Identification Using Neural Networks" , 7th International IGTE Symposium on Numerical Field Calculation in Electrical Engineering, GRAZ, September, 23-26, 1996, Departement for Fundamentals and Theory in Electrical Engineering (IGTE) and Applied Science, Technical University GRAZ, AUSTRIA; Published in Applied Computational Electromagnetics Society Journal (ACES), Vol. 12, No. 2, 1997, pp. 44-49

H. H. Saliah, D.A.Lowther "An Automated Learning System for the design of Magnetic Devices" , International Symposium on Non-linear Electromagnetic Systems, September, 17-20 1995, Cardiff Wales,UK.

Liste non exhaustive d'organisation de rencontre et de conférences

LACCEI Member of organizing committee of Industry Connection Event of Latin American and Caribbean Consortium of Engineering institutions Conference

ISDFS Member of the Program committee of the International Symposium on Digital Forensic and Security (2017 -)

UNESCO Scientific Expert Committee for East Africa Science and Climate Change ((2017); Scientific Expert for / UEMOA Expert of the Agence Universitaire de la Francophonie (**AUF**) and **UNESCO** for the component "*Feasibility study of a Virtual Institute*", within the framework of the Project to support the development of information and communication technologies (ICTE) for the reinforcement of capacities for the implementation of the LMD reform in higher education institutions in the countries of the West African Economic and Monetary Union" (**UEMOA / WAEMU**) (PADTICE Project 2014-2015);

UNESCO Scientific Expert for the Analysis of the situation of science, technology, engineering and mathematics (STEM) education in francophone countries (2021/2022).

Organizer of Workshops on Smart educational learning devices for Online Laboratories (IEEE-SA P1876) in the framework of (**REV & EDUCON** Conferences);

Member of the organizing committee of the **25TH INTERNATIONAL WORLD WIDE WEB CONFERENCE**, Montreal (2016);

ITHC (2014): Member of the organizing Committee of the 2014 International Conference on Humanitarian Technology; Member of Award Committee & Member of the Community Engagement Workshop organizers;

IEEE SIGHT (2014): Founding member of Montreal Special Interest Group on Humanitarian Technology (SIGHT);

ICELIE (2013): General Chair of the 6th International Conference on E-Learning in Industrial Electronics (IEEE Industrial Electronics Society);

GOLC - IAOE (2009-) : Founding Member of Global Online Laboratory Consortium; Executive Committee of IAOE (2019 -);

CV-Hamadou Saliah-Hassane

EDUCON (2010-): Member of the International Advisory Board; Keynote Speaker EDUCON 2012; Chair of the Workshop on Smart educational learning devices for Online Laboratories (IEEE-SA P1876);

NGNS (2010-): Next Generation Network and Services Annual Conferences (EdSoc Sponsored Conference): Chair of the International Network; Member of the International Steering Committee;

AFRA (2007): Chair of the scientific committee of “The 1st Afra Conference on Information and Communication Technologies (ICT) in Teaching and Learning in Nuclear Science and Technology, Niamey, Niger, 19-20 November

2007”;

WoRD (2007 & 2008): Member of the Organizing Committee of IEEE Workshop on Remote control of Devices;

JFO (2007 & 2008): Member of the scientific committee of Francophone Ontology Days (Journées francophones sur les ontologies JFO2007 & JFO 2008);

RESATICE (2005): Founding member of RESATICE, A francophone research network on information technology for education created in Tunisia, November 2005;

SASNET (2005): Founding member of SASNET (African Society for Science & Technology; Société africaine des sciences et technologies (SASNET), Brazzaville, Congo Brazzaville, October 2005;

iNEER (2001-): Member of the Steering Committee of International Network on Engineering Education and Research (iNEER); Program committee of iCEER/ICEE Conference series;

ITHET (2000-): "Information Technology Based Higher Education and Training Reviewer & Member of the International Steering Committee (2001, 2003 & 2004);

Reviewer of papers published in: *IEEE Transactions on Learning Technologies*; *IEEE Transactions on Education*; *Frontiers in Engineering Education Conferences*; *IEEE EDUCON Conferences*; *ICELIE*, **ASEE** Conferences; *IEEE Transactions on Industrial Electronics*; Elsevier -Science Direct; IGT Global; *European Journal on Engineering Education*; *Journal of Supercomputer*; and many other Computer engineering, power systems and knowledge based systems Journals and Conferences.

**Conférencier principal - Conférencier éclair - Conférencier invité -
Président de conférence - Panéliste - Expert**

IEEE Education Society Distinguished Lecturer, 11th IEEE Tunisian Students & Young Professionals (TSYP11) Congress, “Silicon valley is a mindset, not a location”, “[IEEE Education Society’s Virtual Graduate Study Consortium](#)”, 18 – 20, December 2023, Yasmine Hammamet

Panelist at the Virtual 8th Higher Education Institutions Conference: “Reinventing Higher Education” (HEIC2020): “Higher Education in and after COVID-19”, November 26-27th, 2020, Zagreb, Croatia

Invited Speaker at the 2020 IEEE Educational Activity Board Online and IEEE Education Society interactive sessions on “*EFFECTIVE REMOTE INSTRUCTION: Reimagining the Engineering Student Experience*”; “*Student and Data Privacy when Offering Remote Instruction*”, July 27-31, 2020, Online Virtual Event

Panelist at the 4th International Conference on Artificial Intelligence and Adaptive Education (AIAED2019): “*Exploring the future of Artificial Intelligence Education*”, November 12th, Shanghai, China

Panelist at the International Conference on Engineering, Technology and Education (TALE2018): “*Learning Technology Standards*”, 4-7, December, Wollongong, NSW, Australia

Session Organizer at the International Conference on Engineering, Technology and Education (TALE2018): “*Online and Laboratories in Engineering Education: Innovation, Disruption, and Future Potential*”, 4-7, December, Wollongong, NSW, Australia

Lightning Speaker at Learning with Moocs (LVMOOC5 V), “Challenges of implementing and operating mobile laboratories effectively for MOOCs”, September 26-28, 2018, Madrid.

Keynote Speaker at Computer Supported Education Conference (CSEDU 2018), Madeira, Portugal, 2018: “*Standardization of Online Laboratories for Education - Why and How?*”

Panelist at **IEEE Power Energy Society General Meeting**, “*IEEE P1876™ Standard for Networked Smart Online Laboratories*”, Boston, USA, 2016, Panel: Identification of laboratory Methods to support on-line undergraduate power engineering education - <https://resourcecenter.ieee-pes.org/conferences/general-meeting/PESSL11252.html>.

CV-Hamadou Saliah-Hassane

Invited Speaker at the 1st Ministerial Forum on ICT Integration in Education and Training, "*Empowering African marginalized populations by using networked mobile laboratories over the internet*", Tunis, 9-11 December 2013

General Chair of the 2013 International Conference on Engineering Education and Research (iCEER 2013), Marrakech Morocco, 17-20, April, 2013

Invited speaker at the Massive Online Laboratories (MOOLs) Special Workshop at the 2013 International Conference on Engineering Education and Research (iCEER 2013): "*Massive Open Online Laboratories for Needs a Sound Standardization Process*", Marrakech Morocco, 17-20, April, 2013

Keynote Speaker at the IEEE EDUCON 2012 Conference, "*Technology Enhanced Learning in Engineering Education: Challenges Faced in Africa*", Marrakech Morocco, 17-20 April, 2012

Guest Speaker at Rutgers State University, The School of Arts and Sciences, "*African Education in the Digital Age*", March 22, 2012

Guest speaker at the Conference Knowledge Management Africa (KMA 2009). "*Online Labs, the potential and the challenges in research for their implementation*", Dakar, Senegal, 4-7 May, 2009

Guest Speaker: "*Strategic Role in Collaborative Research of African Diaspora Scientists Using Information and Communication Technologies*", International Symposium on Intellectual Property in the Economy of knowledge: A challenge for Africa and its diaspora, Yaoundé, Cameroon, October 7-9 2008.

Guest Speaker: "*International Initiatives for Online Laboratories for Engineering Education*", 2nd Global International Federation of Engineering Education Societies (IFEES) Summit, 19 - 20 October 2008, Cape Town, South Africa.

Guest Speaker: "*Technology Transfer and Sharing for Telelearning and Online Collaborative Work*" at CANARIE's Network-Enabled Platforms Workshop: "Convergence of Cyber Infrastructure and the Next Generation Internet", 2007. University of Ottawa.

Chair of the scientific committee of The 1st Afra Conference on Information and Communication Technologies (ICT) in Teaching and Learning in Nuclear Science and Technology, Niamey, Niger, 19-20 November 2007

Guest speaker: Saliah-Hassane, "H. Exploitation of instruments and remote scientific devices: Architecture, IT infrastructure and educational uses". in International Symposium on Distance Learning: Pedagogical Technologies, Web and Networks. 2007, Sousse, Morocco.

Guest Speaker: "*La formation à distance en genie électrique - E-Learning for Electrical Engineers Education*", Organized by "La société sénégalaise des scientifiques et ingénieurs au Canada (S3IC)" and the "Le regroupement général des sénégalais du Canada (RGSC), Hotel Holliday In, Montreal, April 8th 2006.

Guest Speaker: National Research Council Canada, "*On-line Laboratory Brokerage System for Education and Research*", Fredericton, Canada, March 2006

Guest Speaker: "*Relevance of distance laboratories for Africa*" in Ministerial Forum on "Frontier Environmentally Sound Technologies (FEST) for Africa's Sustainable Development, The Role of the Diaspora". Accra, Ghana, April 27-29, 2006.

Training Seminar of Trainers of the Network of Higher Institutes of Technological Studies (ISET), Tunisia, 14 - 25, April 2006.

Founding member and invited expert for the creation of RESATICE, a French-speaking research network on Information technologies for education, Tunis, Tunisia 16-17 November 2005

Founding member of the African Society of Science and Technology (SASNET), Brazzaville, Congo Brazzaville, October 2005.

Guest speaker at the African Research and Education Networking Infrastructure Network and Research Network Workshop, organized by the Association of African Universities (AAU), Tunisia, 14 - 16, November 2005.

Participant and member of the editorial board of the position of Canadian Civil Society, organized by UNESCO: "*The Views of Canada's Civil Society on the Geneva Plan of Action and the Prospects for Phase II*": Paving the Road to Tunis - World Summit of Information Society (WSIS II), Winnipeg Manitoba 13-15 May 2005.

Chair for the 1st Seminar of the School of Information Technology on the themes of "*Management, Innovation and Information Technology*" at the 72nd Congress of the Canadian Association for Knowledge (ACFAS), Montreal, May 10-14, 2004.

Guest Speaker at Massachusetts Institute Technology (MIT) "Outstanding Guest Speaker": First Learning International Network Consortium (LINC) Workshop, MIT, Boston, MA, USA, February 6-7, 2003.

Member of the Canadian delegation to the Information Technology Society Conference (IST 2003, in Milan, October 2-4, 2003.

Member of the Québec and Canada delegation to the World Summit for the Information Society (WSIS 2003) in Geneva

Chair for the 3rd conference of the Inter-University Center for Research on Tele-Learning at the 71st Canadian Association for the Knowledge (ACFAS) Conference, Rimouski, May 19-23, 2003.

Invitation, in Niamey (Niger), of the Rector of the Abdou Moumouni Dioffo University, as an international expert, to the conference on the "Diagnosis of higher education in the West African Economic and Monetary Union (UEMOA)" (March 2003).

International expert invited to the seminar-workshop on: Educational and Economic Development Planning in Africa, organized by the Institute for Capacity Development in Africa (IICBA-UNESCO) Addis Ababa, Ethiopia, June 17-19, 2002.

Guest Speaker: International Workshop on Tele-Education in Mechatronics Based on Virtual Laboratories (FH Ravensburg-Weingarten University of Applied Science, Germany, July 18-21, 2001). Lecture Title: "Tele-Engineering Education in Canada."

Invited Speaker of the Ministry of Information and Communication and the University of Mauritius: Information and Communication Technology (ICT 2000) and INFOTECH 2000, Titles: "*Virtual Laboratories for Remote Educational Collaboration and Internet and Education*", November 6-11, 2000, Port Louis, Mauritius.

Quelques autres contributions

H. Saliah-Hassane, Ilior Abari, S. Pierre, « Cahiers électroniques de laboratoires : Un répertoire basé sur les objets d'apprentissage. », 72e congrès de l'ACFAS, session C-604 Développement, intégration et évaluation des technologies de formation et d'apprentissage (DIVA) (colloque) Montréal, 10-14 mai 2004;

M. D. Amadou, H. Saliah-Hassane, M. Saad, « Les laboratoires dans les cours de génie via le réseau Internet. », 72e congrès de l'ACFAS, session C-658 Gestion, innovation et technologie de l'information (colloque), Montréal, 10-14 mai 2004;

R. Fils, H. Saliah-Hassane, « Modélisation d'un système d'apprentissage en collaboration basé sur un cahier de laboratoire interactif partagé par la méthode MISA. », 72e congrès de l'ACFAS, session C-658 Gestion, innovation et technologie de l'information (colloque), Montréal, 10-14 mai 2004;

C. Kedowide, H. Saliah-Hassane, « Mise au point d'un cahier de laboratoire partagé pour l'apprentissage collaboratif en ligne. », 72e congrès de l'ACFAS, session C-658 Gestion, innovation et technologie de l'information (colloque), Montréal, 10-14 mai 2004;

H. Saliah-Hassane, O. Dioume, M. Saad, P. Dumont-Burnett, « Interfaces distribuées de télélaboratoires et de laboratoires virtuels. », 70e congrès de l'ACFAS, session : C-524, Les multiples facettes du téléapprentissage, Québec, 13-17 mai 2002.

S. Pierre, H. Saliah-Hassane, M. Couture, J. Batien, M. Duguay, «Laboratoires virtuels et télélaboratoires », 69e congrès de l'ACFAS, session : C-620, Recherches sur le télé-apprentissage, Sherbrooke, 14-17 mai 2001.

M. Cheriet, O. Cherkaoui, H. Saliah-Hassane, L. Villardier, M. Saad « Synchronédia, plate-forme pour le téléprésentiel » Journées réseau sur l'appropriation des technologies de l'information et de la communication à l'Université du Québec, Hull, 3-4 mai 2001.

M. Cheriet, O. Cherkaoui, H. Saliah-Hassane, L. Villardier, M. Saad, J. Desbiens, G. St-Amant, M. Côté, P. Dumas, A. Lejeune, T. Wong, Journées réseau sur l'appropriation des technologies de l'information et de la communication à l'Université du Québec, Québec, 26-27 août 1999.

Poster/Démonstration à : Telelearning Network of Centres of Excellence 1999, Montréal, Québec, Canada

H. H. Saliah, "Informatique et éducation/formation au Niger" Séminaire de perfectionnement sur l'évaluation des didacticiels, Agence de Coopération Culturelle et Technique (ACCT) et le Ministère de l'Éducation du Québec (MEQ), Montréal, 13-29 Mai 1991.

CV-Hamadou Saliah-Hassane

H. H. Saliah, "Oscilloscope Simulation by Micro-computer", Proceedings of the African Workshop about the use of microcomputers in physics and mathematics education, UNESCO, Sudan, March 22-30 1987. Coach: (Esther Toth, University of Budapest, Nuclear Physics)