

CV de Mr LADACI Samir – Enseignant au département de E.E.A. de l'ENPC

Nom et Prénom : **Ladaci Samir**

Date et lieu de naissance : **17/07/1971, à Constantine**

Dernier diplôme obtenu : **Doctorat en sciences**

Date d'obtention : **03 Avril 2007.**

Lieu d'obtention : **Université Mentouri Constantine**

Date et lieu de recrutement : **20 Décembre 2000, à l'université de Skikda**

Grade : **Maitre de Conférences A**

Université d'origine : **Université de Skikda**

Spécialité : **Automatique**

Langues parlées et écrites : **Français, Anglais, Arabe, Allemand (initié)**

Responsabilités occupées :

- **Vice-Doyen de la Faculté des Sciences & Sciences de l'Ingénieur, chargé de la Postgraduation, de la recherche et des relations extérieures à l'Université du 20 Août 55 Skikda, du 20/12/2004 au 10/01/2006.**
- **Responsable de la formation et initiateur du Master «Informatique Industrielle», Département de Génie Electrique, Université de Skikda, du 20/09/2011 au 30/11/2013.**
- **Chef de l'Equipe de Recherche « Commande », Laboratoire de Traitement du Signal SP-LAB, Département d'Electronique, Université Mentouri Constantine 1, à partir de Janvier 2014.**

Autres responsabilités :

- **Chairman de la session « Fractional order systems » à ICINCO 2007, 4th International Conference on Informatics in Control, Automation and Robotics, 9-12 Mai 2007, Angers, France.**
- **Président du Comité d'Organisation et initiateur de la 1^{ère} Conférence Nationale sur les Systèmes d'Ordre Fractionnaire et leurs Applications, SOFA 2010, université de Skikda, 18-19 Mai 2010.**
- **Chairman de la session « Fractional Order Systems », Membre du Comité d'Organisation et du Comité Scientifique, The First Int. Conf. on Electrical Engineering and Control Applications, ICEECA'2012, Khenchela, Algeria – November 20-22, 2012.**
- **Co-chair of invited session "Fractional order Systems and Controls" and Associated Editor 3th International Conference on Systems and Control (ICSC'13) 29-31 October 2013, Hotel Hilton, Algiers, Algeria.**
- **Chairman de la session « Fractional Order Systems and Controls», Membre du Comité Scientifique, The Second Int. Conf. on Electrical Engineering and Control Applications, ICEECA'2014, Constantine, Algeria – November 18-20, 2014.**

- **Associated Editor, Member of the International Technical Program Committee** of The Fourth International Conference on Systems and Control (**ICSC'15**) to be held on April 28-30, 2015 in Hammamet, Tunisia.

- **Member of the International Technical Program Committee**, International Conference on Electrical Sciences and Technologies in Maghreb, **CISTEM'16**, October 26th- 28th, 2016, Marrakesh – Benguéir, **Morocco**.

- **Member of the International Technical Program Committee, Associated Editor** of the 5th International Conference on Systems and Control (**ICSC'16**), May 25-27, 2016 in Marrakesh, **Morocco**.

- **Co-chair of Special Session “Fractional order controllers design and applications”** 16th International conference on Sciences and Techniques of Automatic control & computer engineering, **STA'2015**, December 21-23, 2015, Monastir, Tunisia.

- **Member of the International Technical Program Committee**, International Conference on Sensors Engineering and Electronics Instrumental Advances (**SEIA' 2015**), 21-22 November 2015, Dubai, UAE. www.sensorsportal.com

- **Member of the International Technical Program Committee**, of the Mediterranean Conference on Embedded Applications (**MCEA 2016**) 24-25 November 2016, Fez, Morocco.

- **Member of the International Technical Program Committee**, 6th International Conference on Recent Advances in Electrical Systems, ICRAES'16, Dec. 20- Dec. 22, 2016 in Hammamet, Tunisia.

- **Member of the International Technical Program Committee**, The **17th** International conference on Sciences and Techniques of Automatic control and computer engineering **STA'2016** December 19-21, 2016 Sousse, Tunisia

- **Member of the International Technical Program Committee**, of the International Conference on Mechanical Design and Control Engendering (**MDCE 2017**) 15-17 December 2017, Shanghai, China.

Membre des comités éditoriaux de revues :

Engineering and Technology, international journal of, since 2015

<http://www.aascit.org/journal/editorial?journalId=896>

International Journal on Sciences and Techniques of Automatic control & computer engineering – IJ-STA, since 2015

<http://www.sta-tn.com>

Applied Mathematics and Physics, SciEP, 2016

<http://www.sciepub.com/journal/AMP/editors>

Journal of Automation and Control, SciEP, 2016

<http://www.sciepub.com/journal/AUTOMATION/editors>

World Journal Control Science and Engineering, SciEP, 2016

<http://www.sciepub.com/journal/WJCSE/editors>

Nombre de projets de recherche dirigés : **2 projets CNEPRU (Chef de Projet) et 5 projets CNEPRU (Membres).**

Nombre d'articles publiés dans les revues internationales : **16**

Nombre d'articles publiés dans les revues nationales : **01**

Nombre de Plénières (Communications invitées) : **02**

Nombres de communications présentées : **72**

Nombre de Masters encadrés et soutenus : **14**

Nombre de Magisters encadrés et soutenus : **01**

Nombre de Doctorats encadrés et soutenus : **03**

Nombre de livres publiés : /

Nombre de chapitres dans des livres publiés : **02**

Liste des articles et ouvrages :

Revues Internationales Avec Comités de lecture :

- 1- Y. Bensafia, **S. Ladaci**, K. Khettab, A. Chemori: "Fractional Model Reference Adaptive Control for SCARA Robot Trajectory Tracking" **Accepted in** *International Journal of Industrial and Systems Engineering*, Inderscience, **2016**.
- 2- K. Khettab, **S. Ladaci**, Y. Bensafia: "Fuzzy adaptive control of fractional order chaotic systems with unknown control gain sign using a fractional order Nussbaum gain", **Accepted in** *IEEE/CAA Journal of Automatica Sinica*, "**Special Issue on Fractional Order Systems and Controls**", 2016. <http://www.ieee-ias.org/EN/volumn/home.shtml>
- 3- K. Rabah, **S. Ladaci**, M. Lashab: "Stabilization of a Genesio-Tesi Chaotic System Using a Fractional Order $PI^{\lambda}D^{\mu}$ Regulator". (**Selected paper**) in *International Journal of Sciences and Techniques of Automatic control & computer engineering*, **IJ-STA**, Vol. 10, No. 1, April 2016, pp. 2085–2090. http://www.sta-tn.com/IJ_STA/Papers/volume_10N1_April_2016/P5_IJSTA_V10N1_16.pdf
- 4- **S. Ladaci**, Y. Bensafia: "Indirect fractional order pole assignment based adaptive control", *Engineering Science and Technology, an International Journal*, **Elsevier**, Vol. 19, pp. 518–530, 2016. <http://www.elsevier.com/locate/jestch>
- 5- Y. Bensafia, **S. Ladaci** and K. Khettab: "Using a Fractionalized Integrator for Control Performance Enhancement", *International Journal of Innovative Computing, Information and Control*, **IJICIC**, Vol. 11, No. 6, pp. 2013–2028, December 2015. <http://www.ijicic.org>
- 6- A. Neçaibia, **S. Ladaci**, S. Mekhilef: "ABS Braking Control Enhancement via Fractional Order Extremum Seeking Method". (Selected paper) in *International Journal of Automation & Systems Engineering (JASE)*: Vol. 9, Issue 1, pp. 23-36, March **2015**, jase.esrgroups.org

- 7- A. Neçaibia, **S. Ladaci**, A. Charef, J.J. Loiseau: "Fractional order extremum seeking approach for maximum power point tracking of Photo-Voltaic panels". In **Frontiers in Energy, Springer**, 9(1): 43–53, February **2015**, DOI [10.1007/s11708-014-0343-5](https://doi.org/10.1007/s11708-014-0343-5)

- 8- A. Neçaibia, **S. Ladaci**: "Self-tuning fractional order $PI^{\lambda}D^{\mu}$ controller based on extremum seeking approach". In **International Journal of Automation and Control, Inderscience**, Vol. 8, Issue 2, pp. 99-121, July **2014**, DOI: [10.1504/IJAAC.2014.063361](https://doi.org/10.1504/IJAAC.2014.063361), <http://www.inderscience.com/info/inarticle.php?artid=63361>

- 9- A. Charef, M. Assabaa, **S. Ladaci**, and J.J. Loiseau: "Fractional Order Adaptive Controller for Stabilised Systems via High-Gain Feedback" in **IET Control Theory and Applications**, Vol 7, Issue 6, pp. 822-828, July **2013**, DOI: [10.1049/iet-cta.2012.0309](https://doi.org/10.1049/iet-cta.2012.0309), Print ISSN 1751-8644, Online ISSN 1751-8652

- 10- **S. Ladaci**, K. Khettab: "Fractional Order Multiple Model Adaptive Control". (Selected paper) in International Journal of Automation & Systems Engineering (**JASE**): http://jase.esrgroups.org/papers/6_2_4_12.pdf, Vol. 6, N°2, pp. 110-122, November 2012

- 11- Y. Bensafia, **S. Ladaci**: "Adaptive Control with Fractional Order Reference Model". (Selected paper) in **International Journal of Sciences and Techniques of Automatic control & computer engineering, IJ-STA**, Vol. 5, N°2, pp. 1614-1623, December 2011. http://www.sta-tn.com/IJ_STA/Papers/volume_5N2_dec_2011/P5_IJSTA_V5N2_11.pdf

- 12- **S. Ladaci**, J.J. Loiseau & A. Charef: "Adaptive Internal Model Control with Fractional Order Parameter" in **International Journal of Adaptive Control and Signal Processing, Wiley**, Vol 24, pp. 944–960, October 2010.

- 13- **S. Ladaci**, A. Charef, J.J. Loiseau: "Robust Fractional Adaptive Control Based on the Strictly Positive Realness Condition", in **International Journal of Applied Mathematics and Computer Science**. <http://www.amcs.uz.zgora.pl>, Vol. 19, N°1, pp. 69-76, March 2009.

- 14- **S. Ladaci**, J.J. Loiseau & A. Charef: "Fractional Order Adaptive High-Gain Controllers for a Class of Linear Systems" in **Communications in Nonlinear Science and Numerical Simulations, Elsevier**, Vol 13, N°4. pp. 707-714, July 2008.

- 15- **S. Ladaci** & E. Moulay: "Lp-stability analysis of a class of nonlinear fractional differential equations" in **International Journal of Automation & Systems Engineering (JASE)**: <http://www.jase.esrgroups.org>, Vol. 2,N°1, pp. 40-47, March 2008.

- 16- **S. Ladaci** & A. Charef: "On fractional adaptive control", in **Nonlinear Dynamics, Springer**, Vol. 43, N°4. pp. 365-378. March 2006.

Revue Nationale Avec Comité de lecture :

1- **S. Ladaci** & A. Charef : « Commande adaptative à modèle de référence d'ordre fractionnaire d'un bras de robot », in Revue « Communication Sciences & Technologie » COST, ENSET Oran, Algérie, N°1, pp. 50-52, Octobre 2002. <http://www.enset-oran.dz/cost.php>

Chapitres dans des ouvrages :

- 1- K. Khettab, Y. Bensafia, **S. Ladaci**: “**Robust Adaptive Interval Type-2 Fuzzy Synchronization for a Class of Fractional Order Chaotic Systems**”, **accepted** Book Chapter for: Fractional Order Control and Synchronization of Chaotic Systems, Series Title: “Studies in Computational Intelligence” by Springer-Verlag, Germany, Ed. Ahmad Taher Azar, Sundarapandian Vaidyanathan, and Adel Ouannas, 2016.
- 2- **S. Ladaci**, A. Charef: “**Fractional order adaptive control systems: A survey.**” Chapter in: “Classification and Application of Fractals”, Editor: Eric W. Mitchell, Scott R. Murray, Nova Science Publishers, Inc., pp. 261-275, October 2012. https://www.novapublishers.com/catalog/product_info.php?products_id=22867

Voir le lien suivant pour plus de détails. http://publicationslist.org/samir_ladaci