

ALLEGATO A

UNIVERSITÀ DEGLI STUDI DI MILANO

Procedura di selezione per la chiamata a professore di II fascia da ricoprire ai sensi dell'art. 18, comma 1, della Legge n. 240/2010 per il settore concorsuale 01/B1 - Informatica,
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[Sylvio Barbon Junior] CURRICULUM VITAE

INFORMAZIONI PERSONALI

COGNOME	BARBON JUNIOR
NOME	SYLVIO
DATA DI NASCITA	[05, 12, 1984]



Summary

Sylvio Barbon Junior, Brazilian (and Italian), 35 years old, received his BSc degree in Computer Science from Centro Universitário do Norte Paulista (2005), Brazil, and MSc in Computational Physics from University of São Paulo (2007), Brazil, BSc in Computational Engineering from Centro Universitário de Votuporanga (2008), Brazil, and PhD degree (2011) from University of São Paulo (IFSC/USP). He is currently (since 2012) a professor at State University of Londrina (UEL), Brazil, where has been working in postgraduate and undergraduate programs. During 2017 he was visiting researcher at Università di Modena e Reggio Emilia and Università degli Studi di Milano working on Machine Learning. His research interests include Pattern Recognition, Process Mining, Machine Learning, Computer Vision and its applications in multidisciplinary fields.

Biographical data and contact info

Name: Sylvio Barbon Junior

Date of birth: December 5th, 1984

Citizenship: Brazilian and Italian

Current Affiliation: Computer Science Department - State University of Londrina

E-mail: barbon@uel.br, sbarbonjr@gmail.com

Twitter: @sbarbonjr

LinkedIn: [barbon](#)

Scopus: [Barbon Junior, Sylvio](#)

Scholar: [Sylvio Barbon Junior](#)

ORCID: <https://orcid.org/0000-0002-4988-0702>

Academic Training and Education

2007 - 2011	PhD in Computational Physics Universidade de São Paulo , USP, São Paulo, Brasil
2006 - 2007	MSc in Computational Physics Universidade de São Paulo , USP, São Paulo, Brasil
2008 - 2008	BSc in Computer Engineering Centro Universitário de Votuporanga , UNIFEV, Votuporanga, Brasil
2002 - 2005	BSc in Computer Science Centro Universitário do Norte Paulista , UNORP, São José do Rio Preto, Brasil

Visiting Positions

2017 - 2018	Visiting researcher . Università degli Studi di Modena e Reggio Emilia, UNIMORE, Modena, Italy
2017 - 2017	Visiting researcher Università degli Studi di Milano, UNIMI, Milan, Italy

Professional Career

2018 - present	Chief Technology Officer (CTO) State University of Londrina, UEL
2012 - present	Adjunct Professor (Currently Adjunct D + CC03 + GR03) Computer Science Department - State University of Londrina, UEL
2008 - 2012	Assistant Professor (non tenure) Information System Department - State University of Minas Gerais, UEMG



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CNPJ.: 78.640.489/0001-77

DECLARAÇÃO VÍNCULO FUNCIONAL

Declaramos para os devidos fins que Sylvio Barbon Junior, RG. No. 35.051.840-3 SP, é docente desta Instituição desde 29/10/2012, atualmente sob o Regime Jurídico Estatutário, no cargo de Professor de Ensino Superior, na Classe Professor Adjunto, nível AD D, em regime de trabalho TIDE, lotado no(a) Assessoria de Tecnologia de Informação.

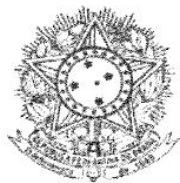
Declaramos ainda que a partir de 21/12/1992, conforme termos contido no "caput" do art. 70 da Lei Estadual nº 10.219, teve o seu emprego público transformado em cargo público, ficando regido pela Lei nº 6.174, de 17 de novembro de 1970 (Estatuto dos Funcionários Cíveis do Paraná), impossibilitando que o período de 29/10/2012 até a presente data seja desmembrado e utilizado para obtenção de benefício em outro regime previdenciário.

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Márcia Maria Nester Rosa
Traduttrice Pubblica Giurata
Camera di Commercio del
Paraná

Av. Garibaldi Deliberador, 231
86050-280 - Londrina-PR - Brasil
tel. (43) 99918-9739 -
nesterrosa@gmail.com

Documento: **Dichiarazione di vincolo di lavoro**
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Márcia Maria Nester Rosa, Traduttrice Pubblica e Interprete Commerciale di Lingua Italiana, iscritta e giurata presso la Camera di Commercio dello Stato del Paraná, certifica che ha ricevuto il documento sopraindicato, scritto in lingua portoghese, il quale ha tradotto in italiano, come segue:

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[Università Statale di Londrina]

PRORH – Pro Rettorato alle Risorse Umane

CNPJ. [partita IVA]: 78.640.489/0001-53

DICHIARAZIONE DI VINCOLO DI LAVORO

Si dichiara per le finalità necessarie che Sylvio Barbon Junior, RG. N° 35.051.840-3 SP, è docente presso questa Istituzione dal 29/10/2012, attualmente si inquadra sul Regime Giuridico Statutario, nella posizione di Professore di Istruzione Universitaria, nella Grade di Professore Associato, livello AD D, sul regime di lavoro TIDE [N.d.T.: regime di lavoro a tempo pieno e dedizione esclusiva], con sede di lavoro all'Assessorato alla Tecnologia dell'Informazione.

Si dichiara inoltre che a partire dal 21 dicembre 1992, conforme quanto disposto al "caput" dell'art. 70 della Legge Statale n° 10.219, il suo posto pubblico a contratto fu trasformato in impiego pubblico a tempo indeterminato, sulla base della Legge n° 6.174, del 17 novembre 1970 (Statuto del Personale dello Stato del Paraná), rendendo impossibile che il periodo del 29/10/2012 fino alla presente data sia dissociato e utilizzato per l'ottenimento di beneficio in un altro regime della previdenza sociale.

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Pag. 1 di 1

*Quanto sopra è estratto dal documento presentato, il quale ho bene e fedelmente tradotto.
In fede.*

Londrina, 18 febbraio 2020.



Márcia Maria Nester Rosa
Márcia Maria Nester Rosa
Traduttrice Pubblica Giurata



Scientific Profile

I am a researcher in the field of Artificial Intelligence and its most varied applications. I have an academic background in Computing, more specifically in Pattern Recognition based on Machine Learning and Digital Signal Processing. My career goal is to work in international research groups, improving my research skills, experience and keeping engaged with high-level projects. Preferably, taking part in projects capable of bringing advanced computing to society.

Currently, I have more than 365 citations (Scopus), H-index 11, and a perspective of enhancement in my academic contribution, as Figure 1 shows. During my MSc studies, I worked in voice conversion and Digital Signal Processing (DSP); Since then, my research interests have changed, focusing on developing Machine Learning approaches to deal with digital signals. As a result, my PhD involved the use of Discriminative Paraconsistent Machine (DPM), an Artificial Neural Network with some Support Vector Machines as first layer neurons and a paraconsistent logic as output. This approach is optimized to deal with low-confident datasets used in the training step.

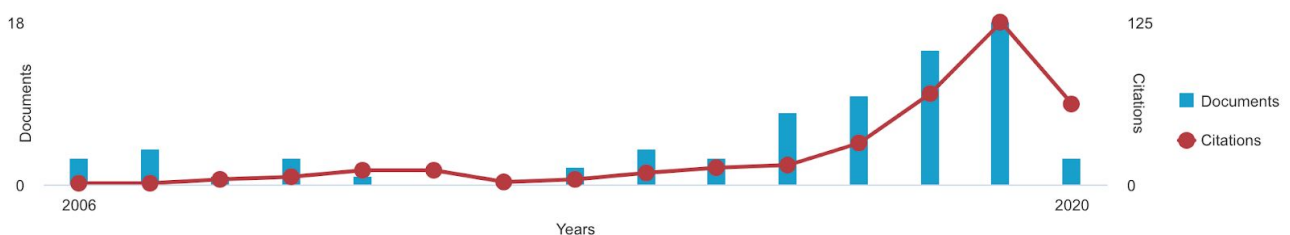


Figure 1 - Potential increase of academic contribution (source: Scopus in May 4th 2020)

After finishing my PhD, I was approved as Adjunct Professor at Universidade Estadual de Londrina (UEL). This position allowed me to work in the UEL MSc Program in Computer Science. Working with my colleagues from UEL, in the Computer Network Research Group, I applied and developed some machine learning approaches for anomaly behaviour detection in computer networks.

In 2014, I established a Text Mining research group, and from 2015 on I have had more than seven accepted papers in journals and conferences in this area. The most important were focused on security over Online Social Networks. UEL is a very traditional university in Food and Agriculture research fields. This fact resulted in some collaborations in different areas such as Food Quality Research. In this collaboration, I contributed by applying and improving some Computer Vision (CV) and ML techniques to evaluate meat in a fast and accurate way.

Since January 2017, I have collaborated with Professor Dr Alessandro Ulrici from Università Degli Studi Di Modena e Reggio Emilia (UNIMORE), Italy. Professor Ulrici works on Spectroscopy; he tackles problems of dimensional reduction and prediction. For this reason, I have studied and developed multi-target machine learning solutions to improve the prediction of regression problems. I have already supervised some students in this research field; some results have been published in Brazilian and International events. In May 2017 I arrived in Italy to cooperate in this project.

In June 2017, a collaboration with Professor Ernesto Damiani and Paolo Ceravolo from Università Degli Studi di Milano, Italy, started. In this last collaboration, as a visiting researcher, I have worked on machine learning applications for Process Mining, more specifically, addressing online process discovery and conformance checking. In this collaboration, we have successfully advanced the studied theme, achieving important dissemination on national and international events, proposing special issues to journals and organizing workshops.

More recently, I was awarded the scholarship with high productivity in research by Fundação Araucária (the research council of UEL State) and have had several national research financial grants approved by the National Council for Scientific and Technological Development (CNPq). Currently, 2020 I am part of

the MSc Program of Computer Science and a member of the advisory board of UEL/UTFPR-CP PhD program in Electrical Engineering.

Impact on industrial practices

2013	Patent register BR1020130236454, "Codified Rule for Image Processing"
2016	Software register BR5120160017112, "Agrimining-Computer Framework for Agricultural Data Mining"
2016	Technology Transfer Data Mining - Bayer Brasil (https://www.bayer.com.br/)
2017	Technology Transfer Computer Vision on Satellite Imaging - Agropixel (http://www.agropixel.com.br/)
2019	Technology Transfer Machine Learning and Computer Vision System - MVisia (http://www.mvisia.com.br)
2019	Technology Transfer Machine Learning - Laborsolo (https://www.laborsolo.com.br/)

Conference collaboration

- 2014 - Chair of the Workshop in Brazilian Symposium on Information Systems (SBSI)
- 2015 - Member of the program committee of the Brazilian Symposium on Information Systems (SBSI)
- 2017 - Chair of the Symposium on Knowledge Discovery, Mining and Learning (KDMiLe)
- 2018 - Member of the program committee of the Brazilian Symposium on Information Systems (SBSI)
- 2019 - Reviewer of the European Conference on Machine Learning and Principles and Practice of Knowledge Discovery in Databases
- 2019 - Reviewer of the IEEE International Conference on Tools with Artificial Intelligence (ICTAI)
- 2019 - Reviewer of the Brazilian Symposium on Information Systems (SBSI) - 2019
- 2019 - Member of the IFIP Working Group 2.6 on Databases
- 2019 - Reviewer of the IFIP 2.6 - Semantics in Big Data Management (SemBDM)
- 2019 - Reviewer of the International Conference on Green, Pervasive and Cloud Computing (GPC)
- 2019 - Chair of the Symposium on Knowledge Discovery, Mining and Learning (KDMiLe)
- 2020 - Reviewer of the Brazilian Symposium on Information Systems (SBSI)

Project leadership with funding

- 2009** - Project "Voice characterization based on web platform for pathology detection", supported by Fundação de Amparo à Pesquisa do Estado de Minas Gerais (FAPEMIG) from Brazil, PEP-00741-12, at State University of Minas Gerais, role: WP leader. (R\$30,000.00)
Keywords: Digital Signal Processing, Machine Learning, Web Developing
- 2013** - Project "Voice acquisition and storage solution for diagnosing mental disease", supported by Fundação de Araucária from Brazil, 00007464 (FAADCT/PR), role: WP leader. (R\$48,000.00)
Keywords: Digital Signal Processing, Machine Learning, Big Data
- 2013** - Project "Denoising in Online Social Network based on Wavelets", supported by CNPq - National Institutes of Science and Technology from Brazil, 47982120135 (CNPQ), role: WP leader. (R\$30,000.00)
Keywords: Text Mining, Machine Learning, Online Social Network
- 2018** - Project "Multi-output approach for the predictive and descriptive joint task on the electromagnetic spectrum of biological data", supported by CNPq - National Institutes of Science and Technology from Brazil, 42056220184 (CNPQ), role: WP leader (R\$30,000.00)
Keywords: Machine Learning, Multi-target, Digital Signal Processing
- 2019** - Project "Multi-output approach for the predictive tasks", supported by Fundação de Araucária from Brazil, 0001 (FAADCT/PR), role: WP leader. (R\$12,000.00)
Keywords: Machine Learning, Multi-target, Stream Mining

Collaboration in research project

- 2013** - "GT-PLAINC: Platform for Incident detection" (UEL #08836), this project has received funding from the *Rede Nacional de Pesquisa (RNP)*. My role in this project was to implement and to supervise the usage of Machine Learning techniques to support computer network. We created a functional framework able to detect cyberattacks using Process Mining foundations and Artificial Neural Networks. **Keywords:** Machine Learning, Cybersecurity, Artificial Neural Networks
- 2014** - "Calibração e validação das curvas de predição para mensuração dos principais parâmetros de qualidade da carne suína por espectrometria de reflectância no infravermelho próximo (nirs) e criação de índice de qualidade da carne" (UEL #09207). In this project, my contribution was related to Computer Vision Systems, focusing on food quality evaluation. We achieved a prototype and several international disseminations. **Keywords:** Machine Learning, Computer Vision, Food Quality
- 2016** - "Machine Learning for Internet of Things security" (UEL #01078), in this project we focused our attention on create a benchmark based on IoT solutions and to explore Machine Learning solutions to face the cyberattack over IoT environment. My role in this project was to project and supervise the students in Machine Learning task. We created different solutions, for example, the usage of on class classification and stream mining techniques. We achieved a prototype and several international disseminations. **Keywords:** Machine Learning, Cybersecurity, One class Classification
- 2017** - "Stream mining classification for online machine learning", in this project we focused on create more efficient stream classification algorithms focusing on advance the state of the art. We proposed an algorithm called Strict Very Fast Decision Tree, able to advance the state of the art, in which was able to contribute to a more energy-friendly algorithm. We a opensource algorithm and several international disseminations. **Keywords:** Machine Learning, Stream Mining, Incremental Tree

2019 - "Smart grid processing with online machine learning", in this project we aim at study the modern techniques to process and model smart grid structure. We have access to a real smart grid to study its behavior. Our proposal focus on more predictive and suitable algorithms based on multiple-streams, multi-target and deep learning. **Keywords:** Machine Learning, Stream Mining, Multi-target

Teaching and curriculum design

Courses at undergraduate level:

1. Image Processing
2. Artificial Intelligence
3. Programming Languages

Courses at M.Sc. level:

1. Topics on Machine Learning
2. Topics on Computational Intelligence
3. Pattern Recognition

Courses at Ph.D. level:

1. Topics on Data Mining
2. Topics on Machine Learning applied to Telecommunications

Research Interests

- Machine Learning
- Stream Mining
- Text Mining
- Process Mining
- Data Mining
- Computer Vision Systems

Awards

2015 - Honorable mention award for paper "Recognition on Online Social Network by user's writing style" from Brazilian Symposium on Information Systems (SBSI)

2016 - Honorable mention award for paper "Discovering Attackers Past Behavior to Generate Online Hyper-Alerts" from Brazilian Symposium on Information Systems (SBSI)

2016 - Best Paper "Artificial and Natural Topic Detection in Online Social Networks" in Brazilian Symposium on Information Systems (SBSI)

2018 - Honorable mention award for paper "Stock Portfolio Prediction by Multi-Target Decision Support" in Brazilian Symposium on Information Systems (SBSI)

2018 - Best Paper "DSTARS: A Multi-target Deep Structure for Tracking Asynchronous Regressor Stack" in Brazilian Conference on Intelligent Systems (BRACIS)

2018 - Best Paper "Leveraging Anomaly Detection in Business Process with Data Stream Mining" in Brazilian Symposium on Information Systems (SBSI)

2019 - Honorable mention award for paper "Deciding among Fake, Satirical, Objective and Legitimate news" in Brazilian Symposium on Information Systems (SBSI)

2019 - Best Paper "Comparing Concept Drift Detection with Process Mining Tools" in Brazilian Symposium on Information Systems (SBSI)

2019 - Semifinalist in Cybersecurity Research Award (CRA) of HITB+ Cyber Week UAE

Professional Duties

2020 - 2020	Guest Editor of the Special Section on Applications of Machine Learning for Food Science in Frontiers in Sustainable Food Systems (2571-581X)
2020 - present	Editorial member of MDPI Future Internet
2019 - present	Member of IFIP Working Group 2.6 on Databases
2018 - present	Chief Technology Officer (CTO) State University of Londrina, UEL
2015 - 2017	University Research Committee Computer Science Department - State University of Londrina, UEL
2016 - present	Editorial member of International Journal of Knowledge and Learning (1741-1017)
2014 - 2015	Animal Ethics Committee State University of Londrina, UEL
2013 - present	Founder and Leader of the Redes e Mídias Digitais (ReMID) Lab at State University of Londrina, UEL.
2013 - present	Reviewer of Elsevier Neurocomputing (3 reviews)
2015 - present	Reviewer of Elsevier Pattern Recognition Letters (2 reviews)
2015 - present	Reviewer of International Journal of Knowledge and Learning (5 reviews)
2018 - present	Reviewer of Elsevier Expert Systems with Applications with "Outstanding reviewer status" (3 reviews)
2018 - present	Reviewer of Elsevier Artificial Intelligence in Medicine (2 review)
2018 - present	Reviewer of Elsevier Journal Computer Speech and Language (6 reviews)
2018 - present	Reviewer of IEEE Access (1 review)
2018 - present	Reviewer of PLOS ONE (2 reviews)
2018 - present	Reviewer of Gruyter Journal of Intelligent Systems (1 review)
2018 - present	Reviewer of MDPI Sensors (3 review)
2018 - present	Reviewer of MDPI Machines (2 reviews)
2018 - present	Reviewer of MDPI Future Internet (2 review)
2018 - present	Reviewer of MDPI Remote Sensing (1 review)

2019 - present	Reviewer of Springer Human-centric Computing and Information Sciences (1 review)
2019 - present	Reviewer of Transactions on Audio, Speech and Language Processing (2 review)
2019 - present	Reviewer of MDPI Data (1 review)
2019 - present	Reviewer of Journal IEEE Transactions on Cybernetics (1 review)
2019 - present	Reviewer of Springer EURASIP Journal on Audio, Speech, and Music Processing. (1 review)
2019 - present	Reviewer of Elsevier Infrared Physics and Technology (1 reviews)
2019 - present	Reviewer of book proposal for IOP Publishing (1 review)
2019 - present	Reviewer of Elsevier Engineering Applications of Artificial Intelligence (1 review)
2019 - present	Reviewer of Elsevier Vibrational Spectroscopy (1 review)
2019 - present	Reviewer of Elsevier Information Processing in Agriculture (2 reviews)
2020 - present	Reviewer of IEEE Transactions on Services Computing (1 review)

Journals Publications

1. Fonseca, Everthon Silva ; Guido, Rodrigo Capobianco ; Junior, Sylvio Barbon ; Dezani, Henrique ; Gati, Rodrigo Rosseto ; Mosconi Pereira, Denis César. Acoustic investigation of speech pathologies based on the discriminative paraconsistent machine (DPM). Biomedical Signal Processing And Control, V. 55, P. 101615, 2020.
2. Mastelini, Saulo Martiello; Santana, Everton Jose; Cerri, Ricardo; Barbon, Sylvio . DSTARS: a multi-target deep structure for tracking asynchronous regressor stacking. Applied soft computing, v. 1, p. 106215-1, 2020.
3. Campos, Gabriel Fillipe centini ; Seixas Jr, j. L. ; Barbon, A.P.A.C.; Felinto, A. S.; Bridi, Ana Maria; Barbon jr., Sylvio. Robust computer vision system for marbling meat segmentation. Elcvia. Electronic letters on computer vision and image analysis, v. 19, p. 15-27, 2020.
4. Lopes, Jessica Fernandes ; Santana, Everton Jose ; da costa, Victor g. Turrisi ; Zarpelao, Bruno Vogaz ; Varbon, sylvio . Evaluating the four-way performance trade-off for data stream classification in edge computing. IEEE transactions on network and service management, v. 1, p. 1-1, 2020.
5. Fernandes Lopes, Jessica ; Barbon, A. P. A. C. ; Orlandi, G. ; Calvini, R. ; Fiego, D. P. L. ; Ulrici, A. ; Barbon Júnior, Sylvio., Biosystems Engineering, V. 191, P. 129-144, 2020.
6. Campos, Gabriel Fillipe Centini ; Mastelini, Saulo Martiello ; Aguiar, Gabriel Jonas ; Mantovani, Rafael Gomes ; Melo, Leonimer Flávio De ; Barbon, Sylvio . . Eurasip Journal On Image And Video Processing, V. 2019, P. 59, 2019.
7. Tavares, Gabriel Marques ; Costa, Victor G. Turrisi ; Martins, Vinicius Eiji ; Ceravolo, Paolo ; Barbon Jr., Sylvio . . Isys - Revista Brasileira De Sistemas De Informação, V. 12, P. 54, 2019.

8. Nolasco-perez, Irene M. ; Rocco, Luiz A.C.M. ; Cruz-tirado, Jam P. ; Pollonio, Marise A.R. ; Barbon, Sylvio ; Barbon, Ana Paula A.C. ; Barbin, Douglas F. . . Biosystems Engineering, V. 183, P. 151-159, 2019.
9. Zarpelão, Bruno Bogaz ; Turrise Da Costa, Victor G. ; Barbon Junior, Sylvio ; Miani, Rodrigo S. ; Rodrigues, Joel J.P.C. . . International Journal Of Security And Networks (Print), V. 14, P. 103, 2019.
10. Lopes, Jessica Fernandes ; Ludwig, Leniza ; Barbin, Douglas Fernandes ; Grossmann, Maria Victória Eiras ; Barbon, Sylvio . . Sensors, V. 19, P. 2953, 2019.
11. Bezerra, Vitor Hugo ; Da Costa, Victor Guilherme Turrise ; Barbon Junior, Sylvio ; Miani, Rodrigo Sanches ; Zarpelão, Bruno Bogaz . . Sensors, V. 19, P. 3188, 2019.
12. Barbon Junior, Sylvio ; Martielo Mastelini, Saulo ; Barbon, Ana Paula A.C. ; Fernandes Barbin, Douglas ; Calvini, Rosalba ; Fernandes Lopes, Jessica ; Ulrici, Alessandro . . Information Processing In Agriculture, V. 1, P. 1, 2019.
13. Aguiar, Gabriel Jonas ; Mantovani, Rafael Gomes ; Mastelini, Saulo M. ; De Carvalho, André C.P.F.L. ; Campos, Gabriel F.C. ; Junior, Sylvio Barbon . . Pattern Recognition Letters, V. 128, P. 480-487, 2019.
14. Bezerra, V. H. ; Costa, V. G. T. ; Barbon, S. J. ; Miani, R. S. ; Zarpelão, B. B. . . Sensors, V. 19, P. 1, 2019.
15. Tavares, G. M. ; Costa, V. G. T. ; Martins, V. E. ; Ceravolo, P. ; Barbon, S. J. . . Isys - Revista Brasileira De Sistemas De Informação, V. 12, P. Seer.Unirio.Br, 2019.
16. Santana, E. J. ; Da Silva, João Augusto Provin Ribeiro ; Mastelini, Saulo M. ; Barbon, S. J. . . Isys - Revista Brasileira De Sistemas De Informação, V. 12, P. 5-27, 2019.
17. Santana, Everton J. ; Mastelini, Saulo Martiello ; Barbon Jr., Sylvio . . Isys - Revista Brasileira De Sistemas De Informação, V. 12, P. 5, 2019.
18. Santos Pereira, Luiz Fernando ; Barbon, Sylvio ; Valous, Nektarios A. ; Barbin, Douglas Fernandes . . Computers And Electronics In Agriculture, V. 145, P. 76-82, 2018.
19. Jr, Sylvio Barbon ; Campos, Gabriel F. C. ; Tavares, Gabriel M. ; Igawa, Rodrigo A. ; Jr, Mario L. Proença ; Guido, Rodrigo Capobianco . Detection Of Human, Legitimate Bot, And Malicious Bot In Online Social Networks Based On Wavelets. Acm Transactions On Multimedia Computing Communications And Applications, V. 14, P. 1-17, 2018.
20. Mastelini, Saulo Martiello ; Da Costa, Victor Guilherme Turrise ; Santana, Everton Jose ; Nakano, Felipe Kenji ; Guido, Rodrigo Capobianco ; Cerri, Ricardo ; Barbon, Sylvio . . Journal Of Signal Processing Systems For Signal Image And Video Technology, V. 1, P. 1-25, 2018.
21. Santana, Everton J. ; Geronimo, Bruna C. ; Mastelini, Saulo M. ; Carvalho, Rafael H. ; Barbin, Douglas F. ; Ida, Elza I. ; Barbon, Sylvio . . Biosystems Engineering, V. 171, P. 193-204, 2018.
22. Peres, Louise Manha ; Barbon Jr, Sylvio ; Fuzyi, Estef Nia Mayumi ; Barbon, Ana Paula A.C. ; Barbin, Douglas Fernandes ; Maeda Saito, Priscila Tiemi ; Andreo, Nayara ; Bridi, Ana Maria . . Computers And Electronics In Agriculture, V. 150, P. 455-464, 2018.
23. Nolasco Perez, Irene Marivel ; Badaró, Amanda Teixeira ; Barbon, Sylvio ; Barbon, Ana Paula Ac ; Pollonio, Marise Aparecida Rodrigues ; Barbin, Douglas Fernandes . . Applied Spectroscopy, V. 1, P. 000370281878887, 2018.
24. Barbon, Sylvio ; Costa Barbon, Ana Paula Ayub Da ; Mantovani, Rafael Gomes ; Barbin, Douglas Fernandes . . Journal Of Spectroscopy, V. 2018, P. 1-12, 2018.

25. Costa, Victor Guilherme Turrise Da ; Carvalho, André Carlos Ponce De Leon Ferreira De ; Barbon Junior, Sylvio . . Pattern Recognition Letters, V. 116C, P. 22-28, 2018.
26. Almeida, Alex M.G. ; Cerri, Ricardo ; Paraíso, Emerson Cabrera ; Mantovani, Rafael Gomes ; Junior, Sylvio Barbon . . Neurocomputing, V. 1, P. 1, 2018.
27. Sasso, Matheus Gustavo Alves ; Mastelini, Saulo Martiello ; Schmieles, Marcio ; Campos, Gabriel Fillipe Centini ; Clerici, Maria Teresa Pedrosa Silva ; Barbin, Douglas Fernandes ; Barbon, Sylvio . . Journal Of Electronic Imaging, V. 27, P. 1, 2018.
28. Kato, Talita ; Mastelini, Saulo Martiello ; Campos, Gabriel Fillipe Centini ; Barbon, Ana Paula Ayub Da Costa ; Prudencio, Sandra Helena ; Shimokomaki, Massami ; Soares, Adriana Lourenço ; Barbon Jr, Sylvio . . Asian-australasian Journal Of Animal Sciences, V. 1, P. 1, 2018.
29. Caroline Geronimo, Bruna ; Martiello Mastelini, Saulo ; Humberto De Carvalho, Rafael ; Barbon Júnior, Sylvio ; Fernandes Barbin, Douglas ; Shimokomaki, Massami ; Iouko Ida, Elza . Computer Vision System And Near-infrared Spectroscopy For Identification And Classification Of Chicken With Wooden Breast, And Physicochemical And Technological Characterization. Infrared Physics & Technology, V. 1, P. 1, 2018.
30. Barbon, Sylvio ; Kido, G. S. ; Tavares, G. M. . . Isys: Revista Brasileira De Sistemas De Informação, V. 10, P. 80-98, 2017.
31. Kawakani, C. T. ; Barbon, Sylvio ; Miani, R. S. ; Cukier, M. ; Zarpelão, Bb . . Isys - Revista Brasileira De Sistemas De Informação, V. 10, P. 122-147, 2017.
32. Pena, Eduardo H.M. ; Carvalho, Luiz F. ; Barbon Jr., Sylvio ; Rodrigues, Joel J.P.C. ; Proença Jr., Mario Lemes . . Information Sciences, V. 420, P. 313-328, 2017.
33. Barbon, Ana Paula Ayub Da Costa ; Barbon, Sylvio ; Campos, Gabriel Fillipe Centini ; Seixas, José Luis ; Peres, Louise Manha ; Mastelini, Saulo Martiello ; Andreo, Nayara ; Ulrici, Alessandro ; Bridi, Ana Maria . . Computers And Electronics In Agriculture, V. 142Pb, P. 536-544, 2017.
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Academic Advisory - concluded

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2. Gabriel Fillipe Centini Campos. 2016. Dissertation - Universidade Estadual de Londrina
3. Alex Marino Gonçalves de Almeida. 2016. Dissertation - Universidade Estadual de Londrina

4. Estefânia Mayumi Fuzyi. 2017. Dissertation - Universidade Estadual de Londrina
5. Saulo Martiello Mastelini. 2018. Dissertation - Universidade Estadual de Londrina
6. Victor Turrisi da Costa. 2019. Dissertation - Universidade Estadual de Londrina
7. Jessica Fernandes Lopes. 2019. Dissertation - Universidade Estadual de Londrina
8. Gabriel Marques Tavares. 2019. Dissertation - Universidade Estadual de Londrina

PhD. thesis (Co-Advisor)

1. Louise Manha Peres. 2018. Thesis (Ph.D. in Veterinary Medicine) - Universidade Estadual de Londrina, Coordenação de Aperfeiçoamento de Pessoal de Nível Superior. Co-Advisor: Sylvio Barbon Júnior.
2. Ana Paula Ayub da Costa Barbon. 2018. Thesis (Ph.D. in Veterinary Medicine) - Universidade Estadual de Londrina, Coordenação de Aperfeiçoamento de Pessoal de Nível Superior. Co-Advisor: Sylvio Barbon Júnior.

Monograph of completion for Improvement/Specialization

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Undergraduate Final Project

1. João Augusto Provin. 2018. Course Conclusion Paper - Universidade Estadual de Londrina. Advisor: Sylvio Barbon Júnior.
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Data

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Luogo

Londrina, Paraná, Brazil