

## Conference papers

1. **Blackseacom 2018** **F. Albu**, "The Constrained Stability Least Mean Square Algorithm for Active Noise Control", in Proc. of IEEE Blackseacom 2018, Batumi, Georgia.  
<http://blackseacom2018.ieee-blackseacom.org/program/>
2. **COMM 2018a** **F. Albu**, S. Nordholm, and L. T.T. Tran, "The Hybrid Simplified Kalman Filter for Adaptive Feedback Cancellation " in Proc. of IEEE COMM 2018, Bucharest, Romania, pp. 45-50.  
[https://www.researchgate.net/profile/Felix\\_Albu/publication/325845188\\_The\\_Hybrid\\_Simplified\\_Kalman\\_Filter\\_for\\_Adaptive\\_Feedback\\_Cancellation/links/5b28986645851509895ccf11/The-Hybrid-Simplified-Kalman-Filter-for-Adaptive-Feedback-Cancellation.pdf](https://www.researchgate.net/profile/Felix_Albu/publication/325845188_The_Hybrid_Simplified_Kalman_Filter_for_Adaptive_Feedback_Cancellation/links/5b28986645851509895ccf11/The-Hybrid-Simplified-Kalman-Filter-for-Adaptive-Feedback-Cancellation.pdf)
3. **COMM 2018b** R. Pogula, T. Kishore Kumar, **F. Albu**, "Complex Domain Adaptive System Identification Using Sparse Affine Projection Normalized Correlation Algorithms Under Impulsive Noises," in Proc. of IEEE COMM 2018, Bucharest, Romania, pp. 61-66.  
[https://www.researchgate.net/profile/Felix\\_Albu/publication/325845200\\_Complex\\_Domain\\_Adaptive\\_System\\_Identification\\_Using\\_Sparse\\_Affine\\_Projection\\_Normalized\\_Correlation\\_Algorithms\\_Under\\_Impulsive\\_Noises/links/5b2898f8a6fdcca0f09c5e18/Complex-Domain-Adaptive-System-Identification-Using-Sparse-Affine-Projection-Normalized-Correlation-Algorithms-Under-Impulsive-Noises.pdf](https://www.researchgate.net/profile/Felix_Albu/publication/325845200_Complex_Domain_Adaptive_System_Identification_Using_Sparse_Affine_Projection_Normalized_Correlation_Algorithms_Under_Impulsive_Noises/links/5b2898f8a6fdcca0f09c5e18/Complex-Domain-Adaptive-System-Identification-Using-Sparse-Affine-Projection-Normalized-Correlation-Algorithms-Under-Impulsive-Noises.pdf)
4. **Euronoise 2018** **F. Albu**, "An Efficient Combined Active Noise Control and Noise Reduction Method for Hearing Aids", in Proc. of EAA EURONOISE 2018, Crete, Greece, pp. 915-919.  
[http://www.euronoise2018.eu/docs/papers/157\\_Euronoise2018.pdf](http://www.euronoise2018.eu/docs/papers/157_Euronoise2018.pdf)
5. **APSIPA 2017** **F. Albu**, L.T.Tran, S. Nordholm, "A Combined Variable Step Size Strategy for Two Microphones Acoustic Feedback Cancellation using Proportionate Algorithms", in *Proc. of APSIPA 2017*, Kuala Lumpur, Malaysia.  
[https://www.researchgate.net/publication/321939103\\_A\\_Combined\\_Variable\\_Step\\_Size\\_Strategy\\_for\\_Two\\_Microphones\\_Acoustic\\_Feedback\\_Cancellation\\_using\\_Proportionate\\_Algorithms](https://www.researchgate.net/publication/321939103_A_Combined_Variable_Step_Size_Strategy_for_Two_Microphones_Acoustic_Feedback_Cancellation_using_Proportionate_Algorithms)
6. **WCSP 2017** Y. Wang, Y. Li, **F. Albu**, R. Yang, "Convergence Analysis of a Correntropy Induced Metric Constrained Mixture Error Criterion Algorithm", in *Proc. of IEEE WCSP 2017*, Nanjing, China.  
<http://www.ic-wcsp.org/upload/2017109/20171009092754235423.pdf>
7. **ICSTCC 2017b** K. Nishikawa, **F. Albu**, **D. Coltuc**, **H. G. Coanda**, "Adaptive Kernel Bandwidth Method for Kernel Normalized LMS Adaptive Algorithm", in *Proc. of ICSTCC 2017*, Sinaia, Romania.  
<http://falbu.50webs.com/articole/icstcc2017.pdf>
8. **ICSTCC 2017a** **F. Albu**, **I. Caciula**, Y. Li, Y. Wang, "The lp-norm Proportionate Normalized Least Mean Square Algorithm for Active Noise Control", in *Proc. of ICSTCC 2017*, Sinaia, Romania.  
<http://falbu.50webs.com/articole/icstcc2017a.pdf>

9. **Eusipco 2017** **F. Albu**, Y. Li, Y. Wang, "Low-Complexity Non-Uniform Penalized Affine Projection Algorithms for Active Noise Control ", in *Proc. of Eusipco 2017*, Kos, Greece, pp. 1315-1319.

[https://www.researchgate.net/publication/319234766\\_Low-Complexity\\_Non-Uniform\\_Penalized\\_Affine\\_Projection\\_Algorithms\\_for\\_Active\\_Noise\\_Control](https://www.researchgate.net/publication/319234766_Low-Complexity_Non-Uniform_Penalized_Affine_Projection_Algorithms_for_Active_Noise_Control)

10. **ECAI 2017** **F. Albu**, L.T.Tran, S. Nordholm, "Two-Microphone Acoustic Feedback Cancellation using NLMS based Algorithms", in *Proc. of IEEE ECAI 2017*, Targoviste, Romania. [http://ecai.ro/VOLUME%202017/ECAI-2016%20VOLUMES/SOFTWARE/ECAI-2017\\_paper\\_137.pdf](http://ecai.ro/VOLUME%202017/ECAI-2016%20VOLUMES/SOFTWARE/ECAI-2017_paper_137.pdf)

11. **ICSYSIS 2017** **F. Albu**, K. Nishikawa, "Low Complexity Kernel Affine Projection-type Algorithms with a Coherence Criterion", in *Proc. of IEEE ICSYSGIS 2017*, Bali, Indonesia. <http://falbu.50webs.com/articole/icsigsys2017.pdf>

12. **WCNC 2017** Y. Wang, Y. Li, **F. Albu**, R. Yang, "Sparse Channel Estimation Using Correntropy Induced Metric Criterion Based SM-NLMS Algorithm", in *Proc. of IEEE WCNC 2017*, San Francisco, U.S.A. [https://www.researchgate.net/publication/311667716\\_Sparse\\_Channel\\_Estimation\\_Using\\_Correntropy\\_Induced\\_Metric\\_Criterion\\_Based\\_SM-NLMS\\_Algorithm](https://www.researchgate.net/publication/311667716_Sparse_Channel_Estimation_Using_Correntropy_Induced_Metric_Criterion_Based_SM-NLMS_Algorithm)

This work was supported by CNCS-UEFISCDI, PN-III-P2-2.1-PED-2016-0651  
*Effective implementations for active noise control in adaptive distributed networks*