



## Gustavo Ramon Chau Loo Kung

Ph.D. Student in Bioengineering, admitted Autumn 2018

 Curriculum Vitae available Online

### Publications

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#### PUBLICATIONS

- **A Locally Adaptive Phase Aberration Correction (LAPAC) Method for Synthetic Aperture Sequences.** *Ultrasonic imaging*  
Chau, G., Jakovljevic, M., Lavarello, R., Dahl, J.  
2018; 161734618796556
- **Local speed of sound estimation in tissue using pulse-echo ultrasound: Model-based approach.** *The Journal of the Acoustical Society of America*  
Jakovljevic, M., Hsieh, S., Ali, R., Chau Loo Kung, G., Hyun, D., Dahl, J. J.  
2018; 144 (1): 254
- **B-line detection using amplitude modulation-frequency modulation (AM-FM) features** *SPIE MEDICAL IMAGING*  
Chau, G., Mamani, G., Fortuni#, E., Serpa, S., Zenteno, O., Ramos, D., Peña, G., Fredes, G., Chura, E., Ticona, E., Manella, H., Lobo, V., Dahl, et al  
2018; 10580
- **Effects of Phase Aberration and Phase Aberration Correction on the Minimum Variance Beamformer.** *Ultrasonic imaging*  
Chau, G., Dahl, J., Lavarello, R.  
2018; 40 (1): 15-34
- **Robust Minimum Variance Beamformer Using Locally Adaptive Phase Aberration Correction**  
Chau, G., Jakovljevic, M., Lavarello, R., Dahl, J., IEEE  
IEEE.2016