

## Articles (ISI)

1. **R. Finger**, P. Mena, N. Reyes, R. Rodriguez, L. Bronfman. "A calibrated digital sideband separating spectrometer for radio astronomy applications", Publications of the Astronomical Society of the Pacific, Vol. 125, No. 925, pp. 263-269 (**2013**).
2. Nicolás Reyes, Pablo Zorzi, Jose Pizarro, **Ricardo Finger**, F. Patricio Mena and Leonardo Bronfman. "A Dual Ridge Broadband Orthomode Transducer for the 7-mm Band", Journal of Infrared, Millimeter and Terahertz Waves DOI: 10.1007/s10762-012-9942-6 (**2012**)
3. M. Hernandez, D. Escaff and **R. Finger**. "Pattern Formation via Intermittence from Microscopic Deterministic Dynamics", PHYSICAL REVIEW E, DOI: 10.1103/PhysRevE.85.056218 (**2012**)
4. **R. Finger** and A.R. Kerr. "Microwave Loss Reduction in Cryogenically Cooled Conductors", International Journal of Infrared Millimeter Waves (**2008**) 29:924-932
5. Nicolás H. Beltrán, **Ricardo A. Finger**, Jorge Santiago-Aviles, Patricio Espinoza-Vallejos. "Effect of Parasitic Capacitances on Impedance Measurements in Microsensors Structures: A Numerical Study", SENSOR AND ACTUATORS B 96 (**2003**) 139-143
6. Raúl C. Munoz, **Ricardo Finger**, Claudio Arenas, Germán Kremer and Luis Moraga. "Surface-Induced Resistivity of Thin Metallic Films Bounded By A Rough Fractal Surface", PHYSICAL REVIEW B **66**, 205401 (**2002**)

## Conferences (proceedings)

1. **R. Finger**, P. Mena, N. Reyes, R. Rodríguez, L. Bronfman. "A calibrated digital sideband separating spectrometer for radio astronomy applications", The 24th International Symposium on Space Terahertz Technology, ISSTT, Groningen, the Netherlands, (**2013**).
2. R. Rodríguez , **R. Finger**, P. Vásquez ,R. Bustos , N. Reyes b , P. Zorzi , L. Bronfman, F.P. Mena. "New capabilities for the Southern 1.2-m mm-Wave Telescope" in Millimeter and Submillimeter Detectors and Instrumentation for Astronomy V, edited by Wayne S. Holland; Jonas Zmuidzinas, Amsterdam, July, (**2012**).
3. O. Nyström, H. Rashid, B. Billade, E. Sundin, M. Fredrixson, G. Johnsen, I. Lapkin, D. Meledin, M. Strandberg, **R. Finger**, A. Pavolotsky, V. Desmaris, and V. Belitsky. "Integrated Setup for THz Receiver Characterization", 21ST INTERNATIONAL SYMPOSIUM ON SPACE TERAHERTZ TECHNOLOGY, OXFORD, 23-25 MARCH, (**2010**)
4. V. Belitsky, I. Lapkin, B. Billade, E. Sundin, A. Pavolotsky, D. Meledin, V. Desmaris, M. Strandberg, **R. Finger**, O. Nyström, M. Fredrixson, S.-E. Ferm, H. Rashid, D. Henke. "Prototype ALMA Band 5 Cartridge: Design and Performance", ISSTT, ABSTRACT REFERENCE NUMBER 20, M1A, (**2009**).