

Vita of Gregor Lasser



Dr. Gregor Lasser received his Dipl.-Ing. degree from the Vienna University of Technology in 2008, and his PhD in 2014 from the same university, both with distinction. The RFID testbed developed during his diploma thesis received second prize EEEfCOM innovation award in 2008. His doctoral dissertation on passive RFIDs for automotive sensors received the department award of the electrical engineering and information technology department of the Vienna University of Technology. In April 2017 he got the best paper award of the WAMICON conference for his paper entitled: “Gate Control of a Two-Stage GaN MMIC Amplifier for Amplitude and Phase Linearization.”

In 2015, Dr. Lasser joined the University of Colorado, Boulder, as a Research Associate. In August 2017 he got promoted to Assistant Research Professor. His current research interests are in broadband supply and bias modulated power amplifiers, compact broadband direction finding antenna systems, electrically small antennas, and heterogeneous integration of microwave front ends.

Selected Relevant Active (A) and finished (F) projects

A: Lockheed Martin, *Dynamic Interference Suppression Using Highly Reconfigurable GaN MMICS*, 11/20-10/21, PI; supervising one student

A: ONR, *GaN Transmitters with 5D Reconfigurability*, 9/19-9/22, Co-PI, supervising one student

A: Air Force/Coldquanta, Inc., *Rydberg-atom RF sensors for direction finding and geolocation Phase II*, 9/19-11/21, Co-PI, co-supervising on student

F: ARL, *Backpack Direction Finder*, 06/18-06/20, PI, supervising one student

F: Air Force/Coldquanta, Inc., *Rydberg-atom RF sensors for direction finding and geolocation Phase I*, 1/18- 7/18, Co-PI

F: ONR/HRL, *Heterogeneous Integration with Thermal Management for miniaturized RF Frontends*, 12/16-03/18, Co-PI, co-supervising one student

F: BAE Systems (ONR), *Full Spectrum Staring ES Receiver*, 1/16-6/18, research associate

F: Lockheed, *GaN Supply-Modulated Power Amplifiers for Broadband Signals*, 11/16 – 10/18, research associate, co-supervising 3 students.

F: ONR, *Flexible RF System for Space Constrained Decoys*, 1/15-5/18, research associate, co-supervising one student

F: First RF, *Compact Wideband Direction Finder*, 9/16 – 1/17, research associate