

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: ARL, *Backpack Direction Finder*,

06/18-06/20, PI, supervising one student

F: Coldquanta, Inc., *Rydberg-atom RF sensors for direction finding and geolocation*

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*, Duration 1/16-6/18, research associate

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

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

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

F: Boeing, *GaN Power Amplifier Design and Multicarrier Simulation Environment*, Duration 11/16 – 11/16, research associate

F: ONR, *Low Profile HF Antennas for Vehicles on the Move*, Ended on 8/16, research associate, Tuner concept, design and implementation