Professors John Booske (<https://directory.engr.wisc.edu/ece/Faculty/Booske_John/>) and Nader Behdad (<https://directory.engr.wisc.edu/ece/Faculty/Behdad_Nader/>), University of Wisconsin-Madison, have a post-doctoral opportunity in experimental electromagnetics/microwaves and plasma science.  The project involves researching the onset and suppression of multipactor discharges in passive microwave circuits (e.g., filters, antennas, circulators, etc.) that work in vacuum.  The primary emphasis will be experimental, supplemented with modeling.  Skills should include familiarity with microwave and RF measurements and simulations. The experiments will involve operation of high vacuum systems, fast electronics and signal measurements and analysis, measurements of discharge electron currents, simulations and modeling of passive microwave circuits, and operation of high power RF sources and components. The position will be an annual appointment for the first year and renewable up to 2 additional years contingent on satisfactory performance. We are looking for someone to be available and start sometime between August 2018 - March 2019.  Madison is a wonderful place to live.

If interested, please contact either Professor Booske ([jhbooske@wisc.edu](mailto:jhbooske@wisc.edu)) or Behdad ([behdad@wisc.edu](mailto:behdad@wisc.edu)) as soon as possible.