- Rochester Institute of Technology (RIT)
- Center for Imaging Science (CIS)
- Digital Imaging and Remote Sensing (DIRS) Laboratory

- Emmett Ientilucci, Ph.D.
  - No current team
Briefly describe research areas of interest

- DIRS Laboratory: 35 years of Remote Sensing
- We teach the “image chain” systems engineering approach
- General Research Areas of Interest for this BAA
  - Algorithm Development
  - Radiometric “correction” of data (Atm comp etc.)
  - Modeling and Simulation (DIRSIG) where appropriate
We have Published & Performed Research in:

- Broad-Area Search (BAS).

- Target and Change Detection (Multi- Hyper-spectral)
  - Example Paper: “Change Detection using Mean-Shift and Outlier-Distance Metrics,” J. Zollweg, et. al. SPIE Vol 8048

- Radiometric “correction” and Radiative Transfer

- Simulation and Modeling w/DIRSIG
  - 400 DoD users. Training for Mach. Learning Algorithms

- Part of the USGS/Landsat Cal. Team since 1988
Specific capabilities your group is seeking
(or)
Type of research group you seek to join

- The DIRS Lab has expertise in space, airborne, and sUAV data collections, simulations, characterization and algorithm development.
- We do not produce production or operational software, API’s or integration with cloud services.
- We wish to fit with a team where our remote sensing & Image Science expertise is beneficial.
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