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Enrico Dammers MSc (1988) studied applied physics at the Eindhoven University of Technology (TU/e) and received his MSc in 2013. His interest include a wide range of subjects in physics, with a focus on remote sensing. He is currently working as a PhD on the NWO project: Assessment of ammonia emissions in the atmosphere by satellite data (AAA); GO/12-36. The goal of his work is to assess and validate ammonia satellite observations (i.e. IASI, TES, CrIS) and explore the use of the observations in CTMs. The validation is performed through the use of a surface observations network of FTIR instruments and a field campaign performed in spring and summer 2014 at the Cabauw meteorological research site. The results will open up the way to use the satellite observations for ammonia emissions studies, air quality modelling and in carbon sequestration studies.