

Stellingen

behorende bij het proefschrift

Mid-Infrared Spectroscopy of Dusty Galactic Nuclei

door

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1. The classification of mid-infrared ‘ice galaxy’ spectra in three categories may also be regarded as an evolutionary sequence from strongly obscured beginnings of star formation (and AGN activity) to a less enshrouded stage of advanced star formation (and AGN activity). (CHAPTER 2)
2. The presence of processed ices in the vicinity of the massive central black holes in NGC 4945 and our Galactic Center is related to star formation rather than AGN activity. (CHAPTER 4)
3. The coincidence of an emission feature due to PAHs and a ‘false’ emission peak due to absorption of ices and silicates near $7.7 \mu\text{m}$ disqualifies the $7.7 \mu\text{m}$ PAH feature as a tracer of star formation in dusty galactic nuclei. (CHAPTER 5)
4. As is true for many other templates, the archetypal ULIRG Arp 220 is atypical for its class. (CHAPTERS 6 AND 7)
5. On a galaxy wide scale, PAH emission bands are better suited as a tracer of B-stars, than as a tracer of massive star formation. (CHAPTER 7)
6. *Auch ein blindes Huhn findet mal ein Korn.* (German saying) (CHAPTERS 2, 5 AND 6)
7. Freedom of speech in post 9/11 America is rhetorical.

8. While heterosexual teenagers experience adolescence at their coming of age, gay men experience this upon coming out, regardless of age.
9. Dutch glaciologists, who travel by car to the Alps to measure the recession of Alpine glaciers, interfere with their own experiment.
10. In the long run, both galaxy and corporate mergers reduce diversity.
11. The advance of digital photography is yet another example of technological innovation which leads to banal results.
12. The goal of *Nederland-Kennisland* (Netherlands knowledge-land) could be most quickly realized by granting PhD students a fifth year.
13. The deep wounds inflicted upon the Dutch soul by the wars of '45 and '74 are not reflected in the holiday traffic jams around Munich.

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