

Cover Page



Universiteit Leiden



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# THE COLOURS OF THE EXTREME UNIVERSE



# **The Colours of the Extreme Universe**

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Panchromatic studies of star forming galaxies  
and accreting black holes

Proefschrift

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**Cover:** drawing by Gabriela Calistro Rivera. Two artistic perspectives of a female dancer doing a pirouette. In the front cover the dancer is viewed from above, where the colourful dress and hair movement evokes the main topics of the thesis, colours and galaxies. In the back cover, the dancer is viewed from a perspective at eye-level, where the side view of the dress reveals a galaxy's spectral energy distribution.

*A mi papá,  
por su entusiasmo contagioso  
por la física y el Universo*



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