



# PHYSIKALISCHES KOLLOQUIUM

des Fachbereichs Physik  
der Johann Wolfgang Goethe-Universität Frankfurt

Mittwoch, den 04.05.2016, 16 Uhr c.t.  
Großer Hörsaal, Raum \_0.111,  
Max-von-Laue-Str. 1



**Prof. Dr. Eva K. Grebel**  
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## *"Archaeology with Galactic Building Blocks"*

How galaxies form and evolve are key questions of modern astrophysics. We can either attempt to observe the different phases of galaxy evolution by focusing on the distant, early universe where only the brightest (proto-) galaxies are accessible to us at low resolution. Or we can explore these questions by focusing on the stellar fossils of past epochs in the nearby universe, where we can achieve a unique level of detail. In recent years significant breakthroughs have been achieved with both of these complementary methods, providing an unprecedentedly detailed picture of galactic assembly histories.

Die Dozenten der Physik

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