

Starburst Clusters in the Milkyway and M31

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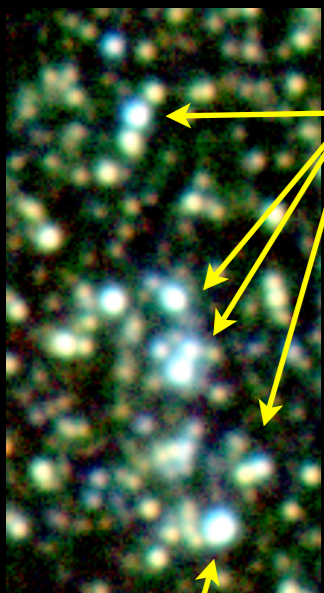
Extension of our study of Galactic Starburst Clusters

=> **Talk by Andrea Stolte & Poster by Natalia Kudryavtseva**

“Galactic Starburst Clusters as Templates for Extragalactic Starbursts”

LBT/LUCI study of Pellet 550 (among the most luminous HII regions in M31)

size

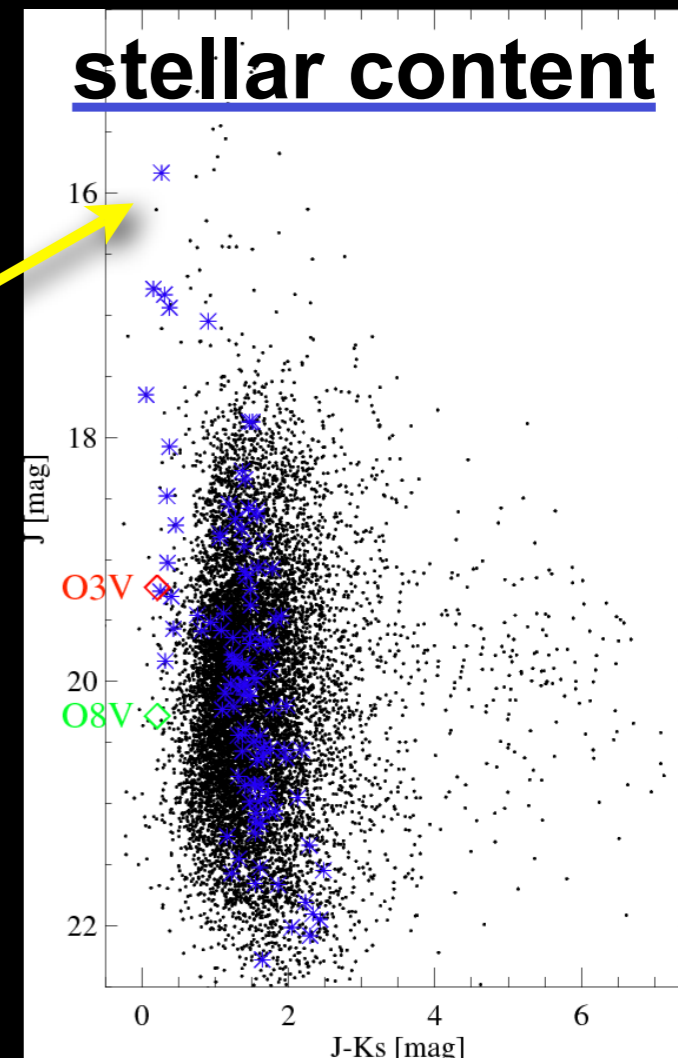


$r_{\text{halflight}} \leq 1 \text{ pc}$
comparable
to Arches,
NGC 3603

$r_{\text{halflight}} \approx 2 \text{ pc}$
comparable to Westerlund 1, Quintuplet

brightest cluster:
equivalent to cluster
with ~ 35 O-type stars
 $N_{\text{tot}} = 10000$ stars,
Kroupa (2002) IMF

stellar content



cluster sizes and masses comparable to Milky Way Starburst Clusters