



The BoOST project:
'Bonn' Optimized Stellar Tracks.
Simulated Populations of Massive and
Very Massive Stars
for Astrophysical Applications

Dorottya Szécsi

Humboldt Fellow
University of Cologne, Germany

MOBSTER-1 Conference, 16th July 2020

Collaborators: *Poojan Agrawal*, *Richard Wünsch*, *Norbert Langer*



Alexander von Humboldt
Stiftung/Foundation



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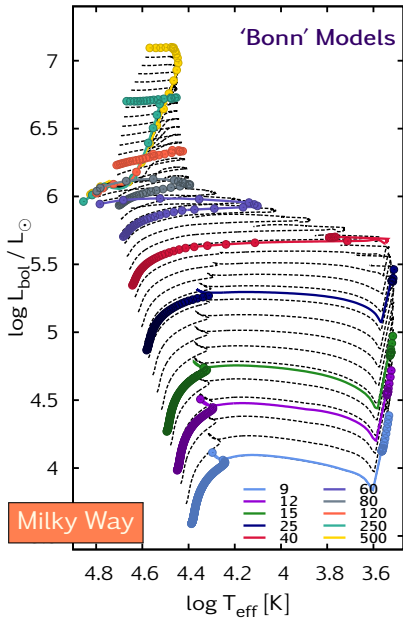
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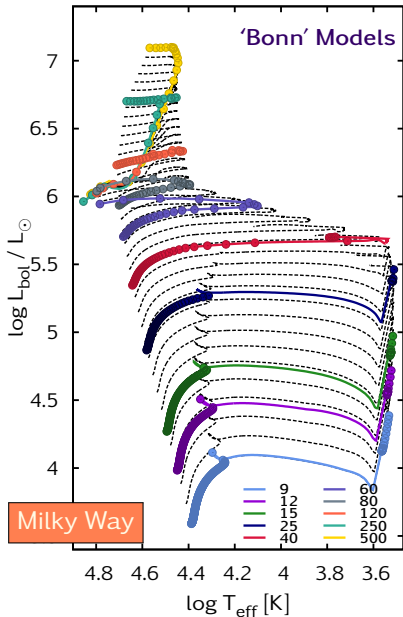


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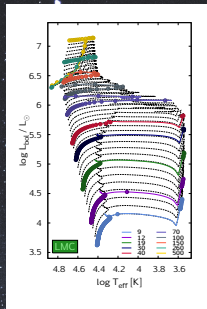
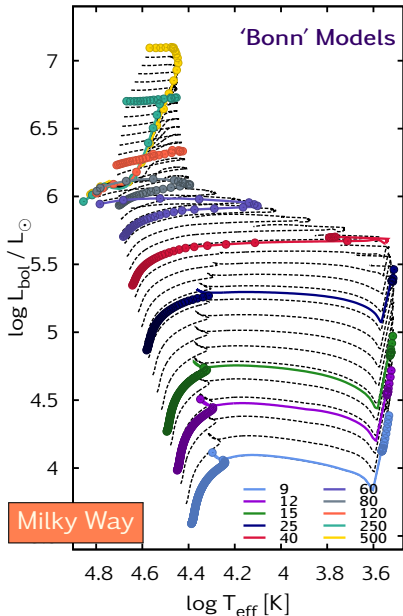


Brott+11 ($< 60 M_{\odot}$), Köhler+15

Szécsi+15,20 ($> 60 M_{\odot}$ & interp)



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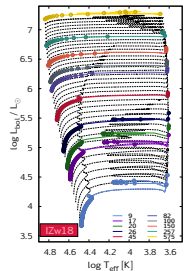
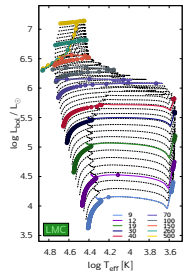
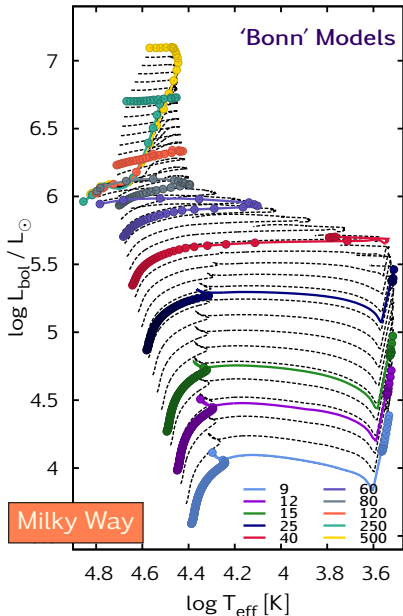


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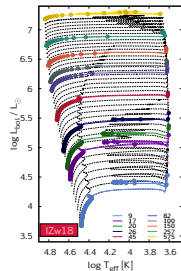
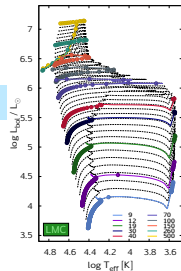
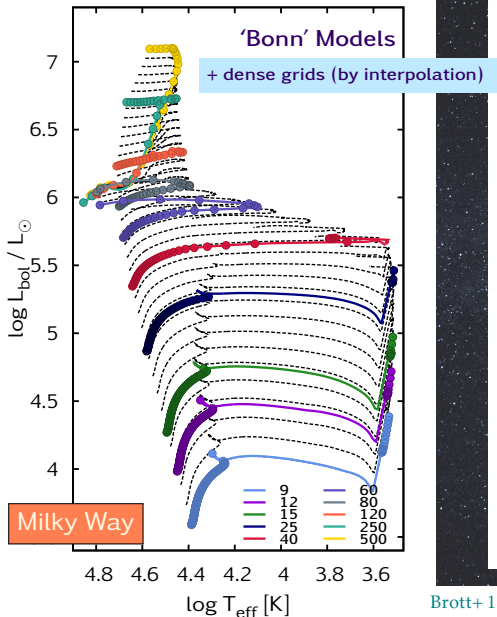


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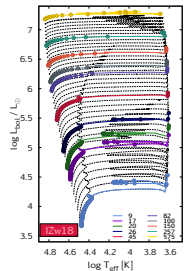
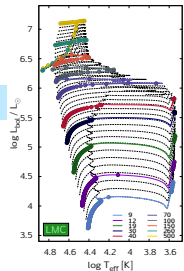
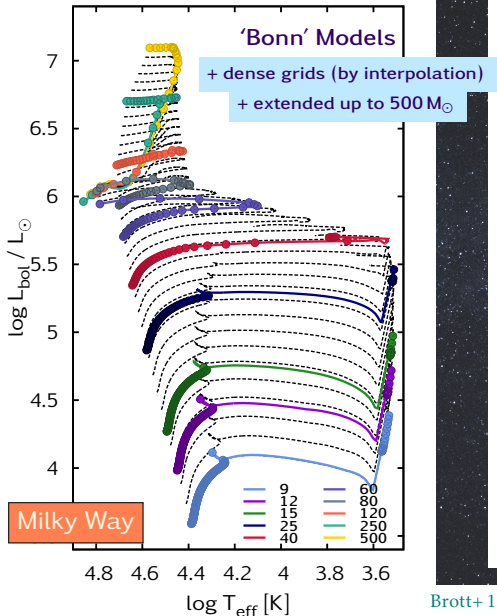


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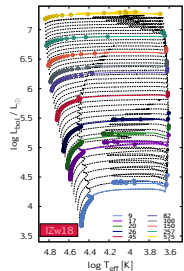
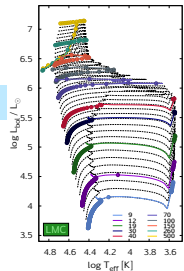
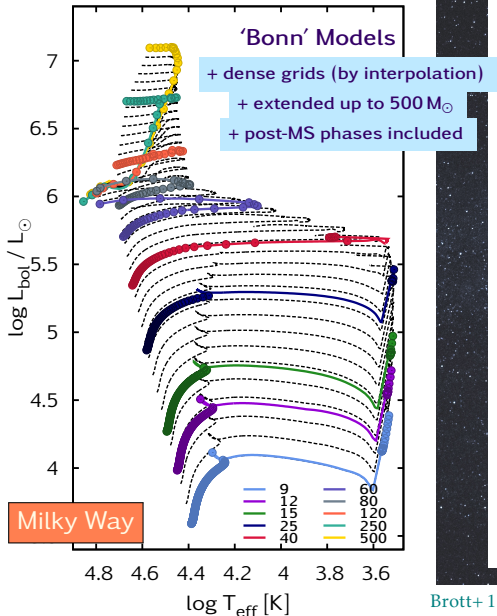
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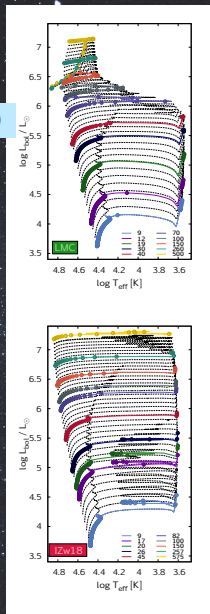
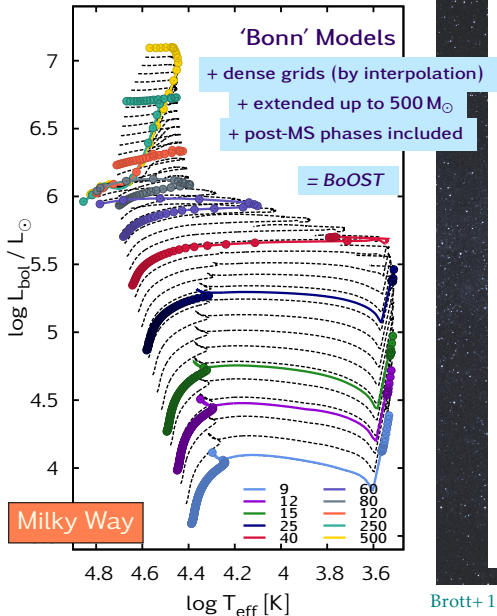


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Metallicity



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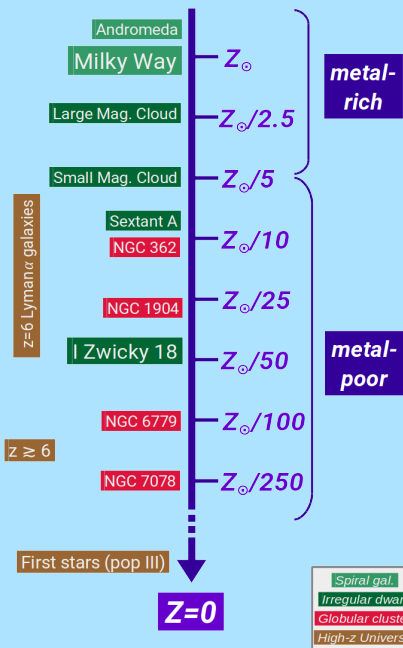
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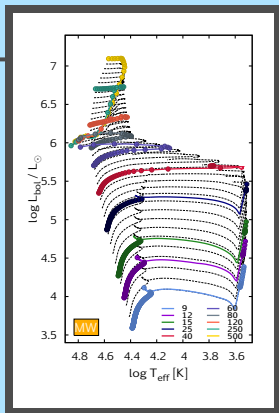
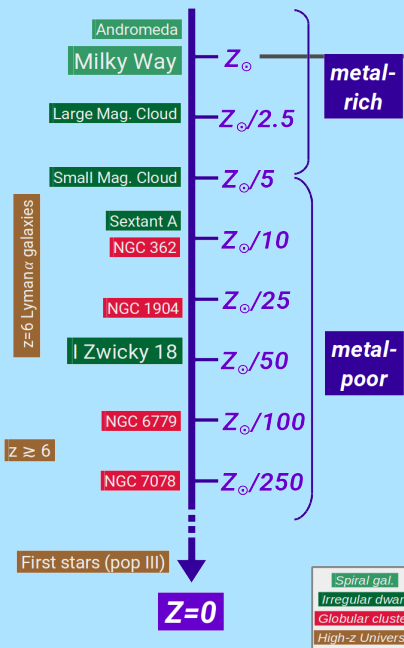
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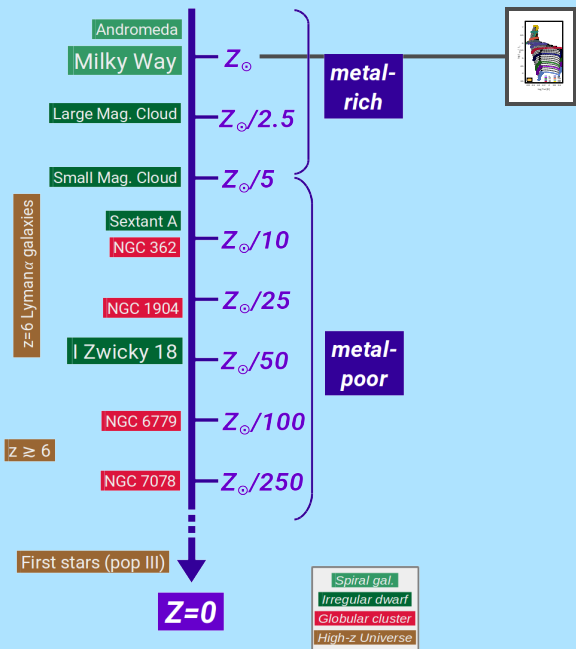
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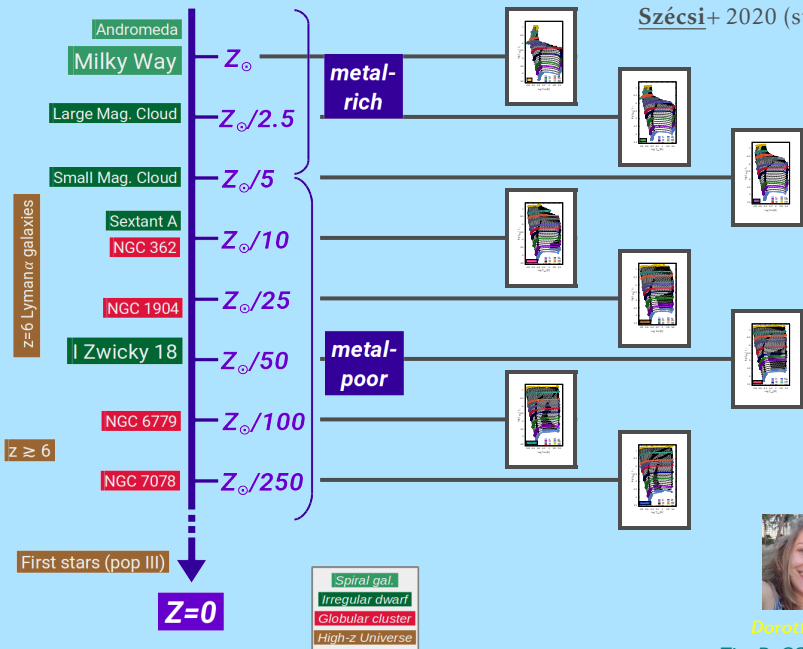
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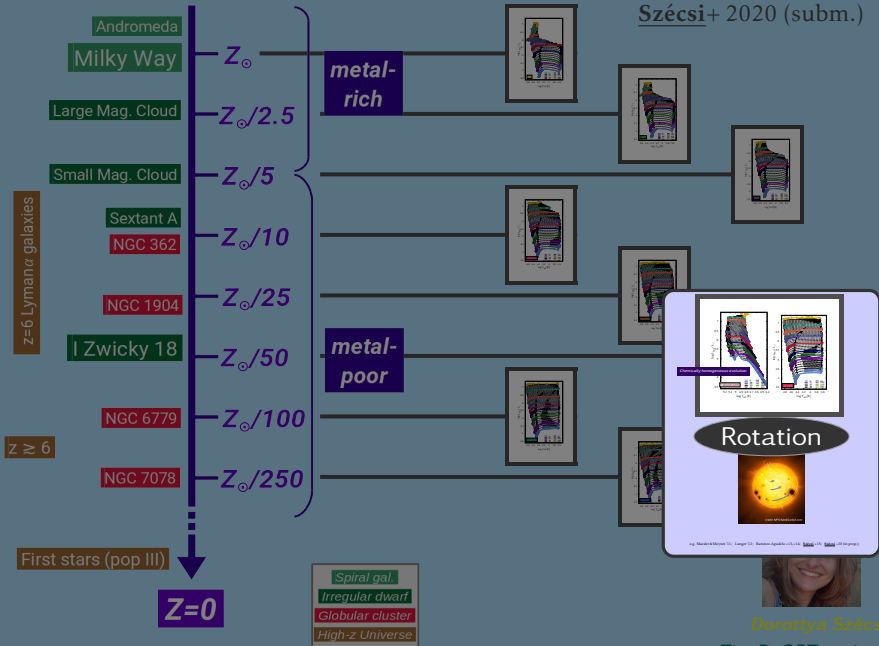


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Check out the paper: *Szécsi, Wunsch, Agrawal, Langer (2020)*

[arXiv:2004.08203]

Webpage: <http://boost.asu.cas.cz>

Get in touch: dorottya.szecsi@gmail.com



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