

Thinkshop 16



The rotation periods of cool stars:

Measurements, uses, connections, and prospects

23rd - 26th September 2019

Leibniz Institute for Astrophysics Potsdam (AIP)
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thinkshop.aip.de/16

TOPICS

Measurement of rotation periods
Rotation in open clusters
Membership of open clusters
Rotation of field stars
Interpretation of rotation periods
Differential rotation
Magnetism-rotation connection
Multiplicity studies of cool stars
Wide binaries
Ages from rotation
Lithium and Li-rotation connection
X-Ray activity
Connections with other activity indicators

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Background image M48 (STELLA observatory, courtesy J. Weingrill)