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## Dynamics of Young Star Clusters & Associations: Saas-Fee Advanced Course 42. Swiss Society for Astrophysics and Astronomy: 2015

By Cathie J. Clarke, Robert D. Mathieu, Iain Neill Reid, Michael R. Meyer, Laurent Eyer

Springer-Verlag Berlin and Heidelberg GmbH & Co. KG. Hardback. Book Condition: new. BRAND NEW, Dynamics of Young Star Clusters & Associations: Saas-Fee Advanced Course 42. Swiss Society for Astrophysics and Astronomy: 2015, Cathie J. Clarke, Robert D. Mathieu, Iain Neill Reid, Michael R. Meyer, Laurent Eyer, Where do most stars (and the planetary systems that surround them) in the Milky Way form? What determines whether a young star cluster remains bound (such as an open or globular cluster), or disperses to join the field stars in the disc of the Galaxy? These questions not only impact understanding of the origins of stars and planetary systems like our own (and the potential for life to emerge that they represent), but also galaxy formation and evolution, and ultimately the story of star formation over cosmic time in the Universe. This volume will help readers understand our current views concerning the answers to these questions as well as frame new questions that will be answered by the European Space Agency's Gaia satellite that was launched in late 2013. The book contains the elaborated notes of lectures given at the 42nd Saas-Fee Advanced Course "Dynamics of Young Star Clusters & Associations" by Cathie Clarke...


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