

Postdoctoral position on the “Formation and evolution of the first stellar clusters”

The theory group in the Astronomy Department at the Universidad de Concepción (Chile) invites applications for a postdoc position on „The formation and evolution of the first stellar clusters“. The position is initially restricted to two years, with potential opportunities for extension. The objective of the project is to carry out numerical simulations exploring the formation of the first stellar clusters after metal enrichment.

The theory group in Concepción is the largest theoretical astrophysics group in Chile, consisting of Prof. M. Fellhauer and Prof. D. Schleicher, as well as two postdoctoral researchers and more than 10 students, and includes projects on hydrodynamical, stellar dynamical and magneto-hydrodynamical modeling. More information on the activities of the theory group can be found on our website (<http://www.astro-udec.cl/theory-group/index.html>). The project will be carried out in collaboration with the star formation group of Prof. Robi Banerjee at Hamburg Observatory.

Applicants for the position should hold a PhD in astronomy or a related field and have experience in computational modeling, preferably in the context of the first stars and galaxies. Interested candidates should send a cover letter stating their research interests, a CV including a list of publications and a 3-page research statement as a single pdf file to Prof. Dominik Schleicher (dschleicher@udec.cl), and arrange for three letters of recommendations. The selection of candidates starts on July 1, with potential starting dates from September 2016. Applications will be accepted until the position is filled.

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