



Universidad Austral de Chile

Conocimiento y Naturaleza



Call for Postdoctoral Position

The *Ecoinformatics Lab* at Universidad Austral de Chile has an open position for a Postdoctoral Fellow with expertise in the study of complex socioeconomic systems.

The selected applicant is expected to carry out research developing complex network analyses to represent social activity patterns across urban areas using primarily mobile phone communication data. Experience with Cellular Phone Networks data (CDR), Urban Scaling Theory, Network Theory, Nonlinear Dynamics of Social Systems, Big Data, Information Theory and/or Urban Economics is desirable. The candidate should possess good programming and statistical skills with proved modeling experience. Opportunities to participate in the ecological or social aspects of the project are also possible and particularly encouraged.

The position will be based at the Universidad Austral de Chile in Valdivia, Chile. (<https://goo.gl/maps/t2m5yphrkUp>) Active collaborations include INRIA Chile (www.inria.cl) and Dr. Pablo A. Marquet at the P. Universidad Católica de Chile (<http://biologia.uc.cl/es/cuerpo-academico/profesor/45>). Additional partners are Telefónica Chile I+D (<http://www.tidchile.cl>) and the Smart Cities Unit at the Transportation Ministry of Chile (<http://www.ciudadesinteligentes.gob.cl>).

This position is initially for two years but it is renewable depending on performance and funding. Competitive salary based on CONICYT postdoctoral wages.

Applicants should submit:

- CV
- Certificate of Doctoral Degree
- One page Cover Letter describing motivation
- Two references able to provide letters of recommendation by researchers with extensive knowledge of the applicant

Recommendation letters and additional documentation should be sent directly to Dr. Horacio Samaniego (horacio@ecoinformatica.cl).

More info: horacio@ecoinformatica.cl