

# LES ATELIERS DU CERPE

Le mardi 8 juin à 12H45 à la **salle académique** de la  
faculté de droit (5<sup>e</sup> étage)

Petite restauration dès 12H30 (réservation souhaitée à [nicolas.gonne@fundp.ac.be](mailto:nicolas.gonne@fundp.ac.be))

**Marcus Dejardin**

CERPE

## Does regional inventive activity have an effect on regional employment growth?

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**Abstract** The effects of regional inventive activity on regional employment growth are so far unclear. Positive, negative, and neutral effects are possible. In this paper, we explore the effects of regional inventive activity measured by number of successful patent applications on regional employment and productivity growth. We use German data. Our dataset combines regional statistical data on a NUTS3 level such as regional population, GDP, entrepreneurship levels, city and city vicinity dummies with regional patent data, which is retrieved from the EPO Worldwide Patent Statistical Database (PATSTAT). The findings, obtained in various regression models, show a positive effect of inventive activity on employment growth. Inventive activity matters for regional employment creation. Implications for regional innovation policy are discussed.