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LEMMA
Laboratoire d'économie mathématique et de microéconomie appliquée

**SÉMINAIRE**

# LABOR-MARKET ADJUSMENT TO TECHNOLOGICAL CHANGE : THE ROLE OF OCCUPATIONAL ACCESSIBILITY - SARA SIGNORELLI

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**Abstract:**

*Technological change requires workers to reallocate across occupations, but it may also reshape how easily they can do so by changing occupational skill requirements. We exploit*

*digitalization during the 2010s to study this mechanism. We measure occupational accessibility by comparing occupational skill requirements in job-posting data. Combining these measures with French matched employer–employee data, we find that occupations becoming more similar in their digital skill profiles experience greater worker mobility. Counterfactual simulations based on a structural two-sided matching model indicate that changes in occupational accessibility generate worker reallocation amounting to 21 percent of that generated by observed labor-demand shifts.*

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