

SEMINAR

Gredeg Groupe de recherche en Droit, Economie et Gestion

November 6, 2025

2:00 PM - 3:30 PM

Ryo HORII

ISER
University of Osaka

TITLE: **Endogenous Capital-Augmenting Technological Change."**

Economics

PARTAGER CETTE PAGE



RECHERCHE D'UNE ACTUALITÉ

Titre



DATE, DU



AU

Thématique

Toutes



EFFACER

VALIDER

Séminaire GREDEG : Ryo HORII (ISER University of Osaka)

Date(s)	le 6 novembre 2025
Lieu(x)	Sophia Antipolis GREDEG - Salle PICASSO

GREDEG

Title: Endogenous Capital-Augmenting Technological Change

Abstract: We build and calibrate a directed technical change growth model with positive capital-augmenting technical change along the balanced growth path, circumventing the restrictions usually posed by the Uzawa steady-state theorem. We use the model to study how policy affects the rate and direction of technical change, as well as the labor share of income. For a given level of expenditure, capital-augmenting R&D subsidies provide the largest boost to economic growth, labor-augmenting subsidies provide the smallest boost, and uniform subsidies to all technologies are an intermediate case. Capital-augmenting R&D subsidies increase the labor share, while labor-augmenting R&D subsidies decrease the labor share. Uniform R&D subsidies are non-neutral and increase the labor share.

[More about Ryo Horii](#)

Date(s)	Le 6 novembre 2025 14:00 - 15:30
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À LIRE AUSSI

LEEN Seminar: Marc WILLINGER (University of Montpellier)



Séminaire GREDEG : Cécile Godé (université Aix-Marseille)



Séminaire GREDEG : Marc WILLINGER (University of Montpellier)