

# Two market failures in an environmental context: asymmetric information and Bertrand competition

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Lecture 1:

*Signaling the Environmental Performance of Polluting Products*

Content: The role of pricing as a signal of environmental performance for polluting products to green consumers.

Lecture 2:

*Environmental Taxation within Bertrand Differentiated Duopoly*

Content: Second-best environmental taxation of a polluting product challenged by a green substitute in a Bertrand differentiated duopoly.

Lecture 3:

*The Credibility of Certification*

Content: The credibility of certification by a benevolent and opportunist agency who cares for the size of her revenue.

## **Reading list:**

Signaling the Environmental Performance of Polluting Products, *International Journal of Industrial Organization* (2008), Vol. 26, 1, 59-68.

Are Green Products Over-Priced?, *Environmental and Resource Economics* (2007), vol. 38, 4, 461-473.

Softening Competition through Forward Trading, *Journal of Economic Theory* (2004), vol. 116, 2, 282-293, co-written with François Salanié.

The Influence of Informed Buyers in Markets Susceptible to the Lemons Problem, *American Journal of Agricultural Economics* (2004), 86, N° 3, 649-659.

Forward Market and Signals of Quality, *RAND Journal of Economics* (2003), 3/4 N°3, 478-494, co-written with Valérie Meunier.