JOINT WORKSHOP ON THE NEXT INDUSTRIAL REVOLUTION

COMMENTS: SOME REFLECTIONS ON THE POLICY SIDE

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SOME FRICTIONS

• How do we interface legacy systems and emergent systems? (2014; Rejeski, D., Presentation, OECD Joint Workshop on the Next Industrial Revolution)

• How do we cope with the increasing variety?
  • Capability gaps among firms
  • Capability gaps among people
Even within a same country, not to mention that among countries… One size will not fit all…

• Invention → Innovation → Diffusion
Lags will be getting tighter for an increasing number of products…

• ??? COLLECTIVE GROWTH ???
Upgrading at the Firm Level:

\[
\text{Probability of Upgrading} \approx \frac{1}{\text{Assessment of External Risk}} \times \frac{1}{\text{Assessment of Internal Risk}}
\]

Macroeconomic Conditions

Firm’s Capabilities

Note-1: Initial findings from ongoing research by Gür U, Yılmaz N.N.

Source: Umut GÜR, (Forthcoming) DPhil Thesis, SPRU, University of Sussex.
THANK YOU